

Bibliography

154-10 Nontarget Plant Studies

MRID	Citation Reference
49648201	Huang, J. (2014) Imidacloprid GAP Information (Use Pattern) by Crop for All Bayer CropScience Seed Treatment Uses Existing and Supported in the EU. Project Number: M/505302/01/1. Unpublished study prepared by Bayer CropScience AG. 28p.
49648202	Huang, J. (2014) Imidacloprid GAP Information (Use Pattern) by Crop for All Bayer CropScience Seed Treatment Uses Existing and Supported in the EU Except Seed Treatments. Project Number: M/505297/01/1. Unpublished study prepared by Bayer CropScience AG. 131p.

810.3300 Treatments to control pests of humans and pets

MRID	Citation Reference
49788702	Liebenberg, J. (2015) A Dose Confirmation of T2 Formulation Against Artificial Infestations of Adult Ticks (<i>Ixodes scapularis</i>) on Dogs Final Report. Project Number: CV/15/144, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 107p.
49788703	de Vos, C. (2015) A Dose Confirmation of T2 Formulation Against Artificial Infestations of Ticks (<i>Dermacentor variabilis</i>) on Dogs Final Report. Project Number: CV/15/145, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 93p.
49788704	Neethling, W. (2015) A Dose Confirmation of T2 Formulation Against Artificial Infestations of Ticks (<i>Rhipicephalus sanguineus</i>) and Fleas (<i>Ctenocephalides felis</i>) on Dogs Final Report. Project Number: CV/15/146, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 117p.
49788705	Liebenberg, J. (2015) A Dose Confirmation of T2 Formulation Against Artificial Infestations of Ticks (<i>Amblyomma americanum</i>) on Dogs Final Report. Project Number: CV/15/147, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 101p.
49788706	Neethling, W. (2015) A Dose Confirmation of the Efficacy of T2 Formulation Against Mosquitos on Dogs Experimentally Exposed to <i>Aedes aegypti</i> Final Report. Project Number: CV/15/148, PN1767. Unpublished Study Prepared by ClinVet International (Pty) Ltd. 130p.
49788707	de Vos, C. (2015) A Dose Confirmation of T2 Formulation Against Artificial Infestations of Stable Flies (<i>Stomoxys calcitrans</i>) and Onset of Efficacy of T2 Formulation against Fleas (<i>Ctenocephalides felis</i>) on Dogs Final Report. Project Number: CV/15/149, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 182p.
49788708	de Vos, C. (2015) A Study to Determine the Effect of Water Immersion and Shampooing on the Efficacy of T2 against Fleas (<i>Ctenocephalides felis</i>) on Dogs Final Report. Project Number: CV/15/150, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 106p.
49788709	de Vos, C. (2015) Efficacy Study of T2 Against the Further Development of Flea (<i>Ctenocephalides felis</i>) Eggs Collected from Dogs Infested with Gravid Fleas Final Report. Project Number: CV/15/151, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 105p.
49788710	Neethling, W. (2015) A Study to Assess the Efficacy of T2 Formulation to Control Fleas (<i>Ctenocephalides felis</i>) in a Dog's Environment Through Assessing Flea Egg Development In Vitro on Carpet Samples Final Report. Project Number: CV/15/152, PN1767. Unpublished study prepared by ClinVet International (Pty)

Ltd. 99p.

49788711 Neethling, W. (2015) A Randomised, Negative Controlled Study Assessing the Efficacy of Formulation T2 in the Prevention of Flea (*Ctenocephalides felis*) Infestations on Dogs in a Simulated Home Environment Final Report. Project Number: CV/15/153, PN1767. Study prepared by ClinVet International (Pty) Ltd. 114p.

49788712 Meyer, J. (2015) Review of Scientific Literature Associated with Efficacy of Imidacloprid and Permethrin against Chewing Lice, *Trichodectes canis*, Infestations on Dogs. Unpublished study prepared by Triveritas Ltd. 7p.

830.1550 **Product Identity and composition**

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49469201	Hoskins, K. (2014) Group A Product Chemistry for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/01. Unpublished study prepared by Formula Gmbh. 82p.
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49561801	Ehresman, N. (2015) EQUI-TM 4.0 (NUP-14051): Group A- Product Identity and Composition. Project Number: RTP/15/002/REG. Unpublished study prepared by Nufarm Americas, Inc. 209p.
49589301	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.
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49621901	Adamson, L. (2015) Product Chemistry: (Dominion 4lb.). Project Number: CSI/DOM4/0421. Unpublished study prepared by Control Solutions, Inc. 60p.
49626001	Richardson, L. (2015) KRD-1403: Product Chemistry Data: Group A - Product Identity, Composition, and Analysis Test Guidelines. Project Number: ARC/OP/MTH/151/P/8, ARC/OP/DCS/025/S,

ARC/LP/LAB/015/P. Unpublished study prepared by Koppers Performance Chemicals, Inc. 107p.

- 49635001 Miller, J. (2015) Product Chemistry: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process. Project Number: CSI/IMI02/830. Unpublished study prepared by Biologic, Inc. 150p.
- 49639701 Donnelly, M. (2015) Formulation A2: Group A - Product Identity, Composition, and Analysis. Project Number: VR085, LC187, 160/003. Unpublished study prepared by Omnipharm Limited. 96p.
- 49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
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- 49658401 Cowen, N. (2015) Group A Product Chemistry for Torc(TM) Duo for Cats. Project Number: PROMIKA/062015A. Unpublished study prepared by Promika, LLC. 78p.
- 49670101 Nouvel, L. (2015) Group A Product Chemistry Data for Nouvel Fuse Foam. Project Number: LNOUVEL/15/01. Unpublished study prepared by LNouvel, Inc. 63p.
- 49670201 Nouvel, L. (2015) Group A Product Chemistry Data for LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/03. Unpublished study prepared by LNouvel, Inc. 48p.
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- 49788713 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: VR092. Unpublished study prepared by Omnipharm Limited. 111p.
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- 49799701 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: LC188, VR092. Unpublished study prepared by Omnipharm Limited. 112p.

830.1600 Description of materials used to produce the product

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49531401	Hines, D. (2015) Production Process and Starting Materials for Imidacloprid Technical Insecticide: Final Report. Project Number: M/509639/01/1, M/506934/01/1. Unpublished study prepared by Bayer CropScience LP. 38p.
49546501	Rotam Limited (2014) Rotam Imidacloprid Technical: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Discussion on the Formation of Impurities, Toxicity of Impurities and Certified Limits. Unpublished study prepared by Rotam Limited. 34p.
49561801	Ehresman, N. (2015) EQUI-TM 4.0 (NUP-14051): Group A- Product Identity and Composition. Project Number: RTP/15/002/REG. Unpublished study prepared by Nufarm Americas, Inc. 209p.
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49639701 Donnelly, M. (2015) Formulation A2: Group A - Product Identity, Composition, and Analysis. Project Number: VR085, LC187, 160/003. Unpublished study prepared by Omnipharm Limited. 96p.

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49658401 Cowen, N. (2015) Group A Product Chemistry for Torc(TM) Duo for Cats. Project Number: PROMIKA/062015A. Unpublished study prepared by Promika, LLC. 78p.

49661301 Hines, D. (2015) Final Report: Starting Materials of Raxil Pro Shield. Project Number: M/536033/01/1. Unpublished study prepared by Bayer CropScience LP. 234p.

49670101 Nouvel, L. (2015) Group A Product Chemistry Data for Nouvel Fuse Foam. Project Number: LNOUVEL/15/01. Unpublished study prepared by LNouvel, Inc. 63p.

49670201 Nouvel, L. (2015) Group A Product Chemistry Data for LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/03. Unpublished study prepared by LNouvel, Inc. 48p.

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49778601 Tillman, A. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Tacoma Ag Imidacloprid Tech. Project Number: TA/201502. Unpublished study prepared by Tacoma Ag, LLC. 112p.

49778701 Zhao, J. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Description of the Formulation Process, Discussion of the Formation of Impurities, and Certified Limits for Neove Spot On #002 for Dog. Project Number: SNAH/201511. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 61p.

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830.1620 Description of production process

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830.1670 Discussion of formation of impurities

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49510301	Hoskins, K. (2014) Group A Product Chemistry for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/01B. Unpublished study prepared by Formula Gmbh. 115p.
49518301	Messerschmidt, O. (2014) VCP-08: Product Chemistry - Part A. Unpublished study prepared by Vlive Crop Protection, Inc. 142p.
49518701	Shanghai Neway Animal Health Company, Ltd. (2014) ImidaGuard II: Product Chemistry for End Use Product Application. Unpublished study prepared by Spring Trading Company. 124p.
49520401	Tackema, C. (2014) Nuprid 2F Insecticide (NUP-4DB05): Product Identity and Composition. Project Number: RTP/14/055/REGC. Unpublished study prepared by Nufarm Americas, Inc. 96p.
49531402	Hines, D. (2015) Discussion on the Formation of Impurities of Imidacloprid Technical Insecticide: Final Report. Project Number: M/509351/01/1, M/508744/01/1. Unpublished study prepared by Bayer

CropScience LP. 12p.

49546501 Rotam Limited (2014) Rotam Imidacloprid Technical: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Discussion on the Formation of Impurities, Toxicity of Impurities and Certified Limits. Unpublished study prepared by Rotam Limited. 34p.

49546503 Zhang, P.; Qiang, L. (2014) In Silico Toxicity Assessment for IMID01 of Imidacloprid Using DEREK NEXUS. Project Number: DK0066. Unpublished study prepared by Rotam Limited. 74p.

49546504 Zhang, P.; Qiang, L. (2014) In Silico Toxicity Assessment for IMID03 of Imidacloprid Using DEREK NEXUS. Project Number: DK0067. Unpublished study prepared by Rotam Limited. 79p.

49546505 Zhang, P.; Qiang, L. (2014) In Silico Toxicity for IMID05 of Imidacloprid Using DEREK NEXUS. Project Number: DK0069. Unpublished study prepared by Rotam Limited. 56p.

49546506 Zhang, P.; Qiang, L. (2014) In Silico Toxicity Assessment for IMID06 of Imidacloprid Using DEREK NEXUS. Project Number: DK0070. Unpublished study prepared by Rotam Limited. 56p.

49561801 Ehresman, N. (2015) EQUI-TM 4.0 (NUP-14051): Group A- Product Identity and Composition. Project Number: RTP/15/002/REG. Unpublished study prepared by Nufarm Americas, Inc. 209p.

49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49609001 Hojabri, H. (2015) Group A Product Chemistry for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/1. Unpublished study prepared by Provectis. 68p.

49621401 Yowell, J. (2014) Neove Spot on #001: Product Chemistry for End Use Product Application. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 85p.

49626001 Richardson, L. (2015) KRD-1403: Product Chemistry Data: Group A - Product Identity, Composition, and Analysis Test Guidelines. Project Number: ARC/OP/MTH/151/P/8, ARC/OP/DCS/025/S, ARC/LP/LAB/015/P. Unpublished study prepared by Koppers Performance Chemicals, Inc. 107p.

49635001 Miller, J. (2015) Product Chemistry: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process. Project Number: CSI/IMI02/830. Unpublished study prepared by Biologic, Inc. 150p.

49639701 Donnelly, M. (2015) Formulation A2: Group A - Product Identity, Composition, and Analysis. Project Number: VR085, LC187, 160/003. Unpublished study prepared by Omnipharm Limited. 96p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656602 Gregory, A. (2015) Custom Blend 35ST: Product Identity and Composition. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 44p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49656702 Gregory, A. (2015) Custom Blend 10ST: Product Identity and Composition. Project Number: ALB15/10. Unpublished study prepared by Albaugh LLC. 44p.

49658201 Cowen, N. (2015) Group A Product Chemistry for Torc Duo(TM) for Dogs. Project Number: PROMIKA/062015B. Unpublished study prepared by Promika, LLC. 78p.

49658401 Cowen, N. (2015) Group A Product Chemistry for Torc(TM) Duo for Cats. Project Number:

PROMIKA/062015A. Unpublished study prepared by Promika, LLC. 78p.

49661303 Hines, D. (2015) Final Report: Discussion on the formation of impurities of Raxil Pro Shield. Project Number: M/536044/01/1. Unpublished study prepared by Bayer CropScience LP. 5p.

49670101 Nouvel, L. (2015) Group A Product Chemistry Data for Nouvel Fuse Foam. Project Number: LNOUVEL/15/01. Unpublished study prepared by LNouvel, Inc. 63p.

49670201 Nouvel, L. (2015) Group A Product Chemistry Data for LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/03. Unpublished study prepared by LNouvel, Inc. 48p.

49759101 Jeram, L. (2015) Product Chemistry Data (Additional Source). Unpublished study prepared by Lanxess Corporation. 328p.

49774501 Adamson, L. (2015) IMI + Lambda MUP: Product Identity and Composition. Project Number: CSI/IMI/LAMBDA/1117. Unpublished study prepared by Control Solutions, Inc. 35p.

49778601 Tillman, A. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Tacoma Ag Imidacloprid Tech. Project Number: TA/201502. Unpublished study prepared by Tacoma Ag, LLC. 112p.

49778701 Zhao, J. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Description of the Formulation Process, Discussion of the Formation of Impurities, and Certified Limits for Neove Spot On #002 for Dog. Project Number: SNAH/201511. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 61p.

49788713 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: VR092. Unpublished study prepared by Omnipharm Limited. 111p.

49796001 Wagner, J. (2015) Sharda Imidacloprid 10 Percent Plus Tricosene 0.1 Percent WG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 76p.

49799701 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: LC188, VR092. Unpublished study prepared by Omnipharm Limited. 112p.

830.1700 Preliminary analysis

MRID	Citation Reference
49503001	Tackema, C. (2014) NUPRID 4F Max Insecticide (NUP-06243) Product Identity and Composition. Project Number: RTP/14/049/REG. Unpublished study prepared by Nufarm Americas, Inc. 77p.
49518301	Messerschmidt, O. (2014) VCP-08: Product Chemistry - Part A. Unpublished study prepared by Vlive Crop Protection, Inc. 142p.
49531403	Hines, D. (2015) Preliminary Analysis of Imidacloprid Technical Insecticide: Final Report. Project Number: M/509352/01/1, PA14/111, M/504373/01/1. Unpublished study prepared by Bayer CropScience LP. 81p.
49546502	Srinivasan, A. (2014) Analysis of Five Representative Production Batches of Imidacloprid Technical Grade Active Ingredient (TGAI) to Identify and Quantify Imidacloprid and its Associate Impurities: Final Report. Project Number: 1269. Unpublished study prepared by Rotam Research Laboratory. 374p.
49589301	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49759101 Jeram, L. (2015) Product Chemistry Data (Additional Source). Unpublished study prepared by Lanxess Corporation. 328p.

49759102 Rao, D. (2011) Preliminary Analysis of Imidacloprid TGAI. Project Number: NC/2011/002. Study prepared by Nutrichem Laboratory Co., Ltd. 60p.

49778602 Xu, J. (2015) Five-Batch Analysis of Imidacloprid TGAI - Validation of Analytical Methodology for the Assay of Active Ingredient and Impurities in Imidacloprid TGAI and Subsequent 5-Batch Analysis of the Test Item: Final Report. Project Number: ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 242p.

49778603 Xu, J. (2015) Five-Batch Analysis of Imidacloprid TGAI - Validation of Analytical Methodology for the Assay of Impurity III in Imidacloprid TGAI and Subsequent 5-Batch Analysis of the Test Item. Project Number: ABC/2015/15. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 102p.

49788713 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: VR092. Unpublished study prepared by Omnipharm Limited. 111p.

49796001 Wagner, J. (2015) Sharda Imidacloprid 10 Percent Plus Tricosene 0.1 Percent WG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 76p.

49796002 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Validation of the Analytical Method for the Determination of Tricosene Attractant Content: Final Report. Project Number: CH///269/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 54p.

49799701 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: LC188, VR092. Unpublished study prepared by Omnipharm Limited. 112p.

830.1750 Certified limits

MRID	Citation Reference
49469201	Hoskins, K. (2014) Group A Product Chemistry for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/01. Unpublished study prepared by Formula Gmbh. 82p.
49503001	Tackema, C. (2014) NUPRID 4F Max Insecticide (NUP-06243) Product Identity and Composition. Project Number: RTP/14/049/REG. Unpublished study prepared by Nufarm Americas, Inc. 77p.
49510301	Hoskins, K. (2014) Group A Product Chemistry for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/01B. Unpublished study prepared by Formula Gmbh. 115p.
49518301	Messerschmidt, O. (2014) VCP-08: Product Chemistry - Part A. Unpublished study prepared by Vlive Crop Protection, Inc. 142p.
49518701	Shanghai Neway Animal Health Company, Ltd. (2014) ImidaGuard II: Product Chemistry for End Use

Product Application. Unpublished study prepared by Spring Trading Company. 124p.

- 49520401 Tackema, C. (2014) Nuprid 2F Insecticide (NUP-4DB05): Product Identity and Composition. Project Number: RTP/14/055/REGC. Unpublished study prepared by Nufarm Americas, Inc. 96p.
- 49531404 Hines, D. (2015) The Certified Limits of Imidacloprid Technical Insecticide: Final Report. Project Number: M/509353/01/1, M/507740/01/1. Unpublished study prepared by Bayer CropScience LP. 12p.
- 49546501 Rotam Limited (2014) Rotam Imidacloprid Technical: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Production Process, Discussion on the Formation of Impurities, Toxicity of Impurities and Certified Limits. Unpublished study prepared by Rotam Limited. 34p.
- 49561801 Ehresman, N. (2015) EQUI-TM 4.0 (NUP-14051): Group A- Product Identity and Composition. Project Number: RTP/15/002/REG. Unpublished study prepared by Nufarm Americas, Inc. 209p.
- 49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.
- 49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.
- 49609001 Hojabri, H. (2015) Group A Product Chemistry for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/1. Unpublished study prepared by Provetis. 68p.
- 49621401 Yowell, J. (2014) Neove Spot on #001: Product Chemistry for End Use Product Application. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 85p.
- 49626001 Richardson, L. (2015) KRD-1403: Product Chemistry Data: Group A - Product Identity, Composition, and Analysis Test Guidelines. Project Number: ARC/OP/MTH/151/P/8, ARC/OP/DCS/025/S, ARC/LP/LAB/015/P. Unpublished study prepared by Koppers Performance Chemicals, Inc. 107p.
- 49635001 Miller, J. (2015) Product Chemistry: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process. Project Number: CSI/IMI02/830. Unpublished study prepared by Biologic, Inc. 150p.
- 49639701 Donnelly, M. (2015) Formulation A2: Group A - Product Identity, Composition, and Analysis. Project Number: VR085, LC187, 160/003. Unpublished study prepared by Omnipharm Limited. 96p.
- 49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
- 49656602 Gregory, A. (2015) Custom Blend 35ST: Product Identity and Composition. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 44p.
- 49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
- 49656702 Gregory, A. (2015) Custom Blend 10ST: Product Identity and Composition. Project Number: ALB15/10. Unpublished study prepared by Albaugh LLC. 44p.
- 49658201 Cowen, N. (2015) Group A Product Chemistry for Torc Duo(TM) for Dogs. Project Number: PROMIKA/062015B. Unpublished study prepared by Promika, LLC. 78p.
- 49658401 Cowen, N. (2015) Group A Product Chemistry for Torc(TM) Duo for Cats. Project Number: PROMIKA/062015A. Unpublished study prepared by Promika, LLC. 78p.
- 49661304 Hines, D. (2015) Final Report: The certified limits of Raxil Pro Shield. Project Number: M/536047/01/1. Unpublished study prepared by Bayer CropScience LP. 9p.
- 49670101 Nouvel, L. (2015) Group A Product Chemistry Data for Nouvel Fuse Foam. Project Number:

LNOUVEL/15/01. Unpublished study prepared by LNouvel, Inc. 63p.

49670201 Nouvel, L. (2015) Group A Product Chemistry Data for LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/03. Unpublished study prepared by LNouvel, Inc. 48p.

49759101 Jeram, L. (2015) Product Chemistry Data (Additional Source). Unpublished study prepared by Lanxess Corporation. 328p.

49774501 Adamson, L. (2015) IMI + Lambda MUP: Product Identity and Composition. Project Number: CSI/IMI/LAMBDA/1117. Unpublished study prepared by Control Solutions, Inc. 35p.

49778601 Tillman, A. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Tacoma Ag Imidacloprid Tech. Project Number: TA/201502. Unpublished study prepared by Tacoma Ag, LLC. 112p.

49778701 Zhao, J. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Description of the Formulation Process, Discussion of the Formation of Impurities, and Certified Limits for Neove Spot On #002 for Dog. Project Number: SNAH/201511. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 61p.

49788713 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: VR092. Unpublished study prepared by Omnipharm Limited. 111p.

49796001 Wagner, J. (2015) Sharda Imidacloprid 10 Percent Plus Tricosene 0.1 Percent WG: Product Identity and Composition, Description of Materials, Description of the Formulation Process, Discussion of Formation of Impurities, Preliminary Analysis and Certified Limits. Unpublished study prepared by Sharda USA LLC. 76p.

49799701 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: LC188, VR092. Unpublished study prepared by Omnipharm Limited. 112p.

830.1800 Enforcement analytical method

MRID	Citation Reference
49455006	Velea, L. (2015) MalEx(TM) CitrusLeafminer: Supplemental to Enforcement Analytical Mehod: Method Validation Results. Project Number: AS/20150618/1. Unpublished study prepared by Technology Sciences Group Inc. 29p.
49469202	Thoma, R. (2014) Analytical Method for Sergeant's 9.1% Imidacloprid Spot-On Products. Project Number: SERGEANT/S/10/14/02. Unpublished study prepared by Formula GmbH. 15p.
49503001	Tackema, C. (2014) NUPRID 4F Max Insecticide (NUP-06243) Product Identity and Composition. Project Number: RTP/14/049/REG. Unpublished study prepared by Nufarm Americas, Inc. 77p.
49510302	Thoma, R. (2014) Analytical Method for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/02B. Unpublished study prepared by Formula GmbH. 15p.
49518301	Messerschmidt, O. (2014) VCP-08: Product Chemistry - Part A. Unpublished study prepared by Vlive Crop Protection, Inc. 142p.
49518701	Shanghai Neway Animal Health Company, Ltd. (2014) ImidaGuard II: Product Chemistry for End Use Product Application. Unpublished study prepared by Spring Trading Company. 124p.
49520401	Tackema, C. (2014) Nuprid 2F Insecticide (NUP-4DB05): Product Identity and Composition. Project Number: RTP/14/055/REGC. Unpublished study prepared by Nufarm Americas, Inc. 96p.

49546502 Srinivasan, A. (2014) Analysis of Five Representative Production Batches of Imidacloprid Technical Grade Active Ingredient (TGAI) to Identify and Quantify Imidacloprid and its Associate Impurities: Final Report. Project Number: 1269. Unpublished study prepared by Rotam Research Laboratory. 374p.

49561801 Ehresman, N. (2015) EQUI-TM 4.0 (NUP-14051): Group A- Product Identity and Composition. Project Number: RTP/15/002/REG. Unpublished study prepared by Nufarm Americas, Inc. 209p.

49561802 Ehresman, N. (2014) NUP-14051: Validated Enforcement Analytical Method: Final Report. Project Number: ARC/OP/MTH/071/P/15, ARC/OP/DCS/255/S, ARC/OP/LAB/026/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 28p.

49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49609002 Hojabri, H. (2015) Assay Determination of Imidacloprid and Pyriproxyfen in Imidacloprid 9.1% (w/w) and Pyriproxyfen 0.46% (w/w) Spot-On Solution. Project Number: STM/201. Unpublished study prepared by Provetis. 9p.

49609003 Hojabri, H. (2015) Assay Determination of Imidacloprid and Pyriproxyfen in Imidacloprid 9.1% (w/w) and Pyriproxyfen 0.46% (w/w) Spot-On Solution: Analytical Method Validation Report. Project Number: AVR/0095. Unpublished study prepared by Provetis. 49p.

49621401 Yowell, J. (2014) Neove Spot on #001: Product Chemistry for End Use Product Application. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 85p.

49626001 Richardson, L. (2015) KRD-1403: Product Chemistry Data: Group A - Product Identity, Composition, and Analysis Test Guidelines. Project Number: ARC/OP/MTH/151/P/8, ARC/OP/DCS/025/S, ARC/LP/LAB/015/P. Unpublished study prepared by Koppers Performance Chemicals, Inc. 107p.

49635001 Miller, J. (2015) Product Chemistry: Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process. Project Number: CSI/IMI02/830. Unpublished study prepared by Biologic, Inc. 150p.

49639701 Donnelly, M. (2015) Formulation A2: Group A - Product Identity, Composition, and Analysis. Project Number: VR085, LC187, 160/003. Unpublished study prepared by Omnipharm Limited. 96p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656602 Gregory, A. (2015) Custom Blend 35ST: Product Identity and Composition. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 44p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49656702 Gregory, A. (2015) Custom Blend 10ST: Product Identity and Composition. Project Number: ALB15/10. Unpublished study prepared by Albaugh LLC. 44p.

49661305 Christensen, G. (2015) Final Report: The Validation of Analytical Method AM000815NF2 for the Determination of Imidacloprid, Metalaxyl, Tebuconazole, and Prothioconazole in Raxil Pro MD + Stress Shield by High Pressure Liquid Chromatography. Project Number: M/519022/02/1, AM000815NF2/V. Unpublished study prepared by Bayer CropScience LP. 42p.

49661306 Christensen, G. (2015) The Characterization of IMD+MTL+PTZ+TBZ FS 116.48, Batch Numbers 2015-001938 and 2015-001941. Project Number: M/521460/01/2, PC/15/007. Unpublished study prepared by Bayer CropScience LP. 42p.

49670102 Bradbury, R. (2015) HPLC Method of Analysis for Fipronil and Imidacloprid Using an Internal Standard. Project Number: MT1/H164K. Unpublished study prepared by EcoSafe Natural Products, Inc. 25p.

49759101 Jeram, L. (2015) Product Chemistry Data (Additional Source). Unpublished study prepared by Lanxess Corporation. 328p.

49774501 Adamson, L. (2015) IMI + Lambda MUP: Product Identity and Composition. Project Number: CSI/IMI/LAMBDA/1117. Unpublished study prepared by Control Solutions, Inc. 35p.

49778601 Tillman, A. (2015) Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Tacoma Ag Imidacloprid Tech. Project Number: TA/201502. Unpublished study prepared by Tacoma Ag, LLC. 112p.

49778602 Xu, J. (2015) Five-Batch Analysis of Imidacloprid TGAI - Validation of Analytical Methodology for the Assay of Active Ingredient and Impurities in Imidacloprid TGAI and Subsequent 5-Batch Analysis of the Test Item: Final Report. Project Number: ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 242p.

49778702 Tao, Z. (2015) Enforcement Analytical Methods and Validation for Neove Spot On #002 for Dogs. Project Number: NW///P04///E01. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 78p.

49788713 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: VR092. Unpublished study prepared by Omnipharm Limited. 111p.

49796003 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Validation of the Analytical Method for the Determination of the Active Ingredient Content: Final Report. Project Number: CH///268/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 54p.

49799701 Donnelly, M. (2015) Formulation T2: Group A - Product Identity, Composition, and Analysis. Project Number: LC188, VR092. Unpublished study prepared by Omnipharm Limited. 112p.

830.6302 **Color**

MRID	Citation Reference
49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49469204	Thoma, R. (2014) Physical and Chemical Characteristics: Color, Viscosity, and Density for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: IMIDACLOPRID/MONO/CS. Unpublished study prepared by Formula GmbH. 6p.
49510303	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers forSergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49510304	Thoma, R. (2014) Physical and Chemical Characteristics: Color, Viscosity, and Density for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: CVSG/003. Unpublished study prepared by Formula GmbH. 6p.
49518302	Kaspar, H. (2014) Product Chemistry Testing of Imidacloprid SC Formulaiton (VCP-08). Project Number: VIVE200/140047. Unpublished study prepared by Maxxam Analytics. 40p.
49518703	Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of ImidaGuard(TM) II. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd.

Changzhou Branch. 24p.

- 49561803 Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.
- 49592801 Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.
- 49609004 Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared by Provectis. 5p.
- 49609005 Hojabri, H. (2015) Physical and Chemical Characteristics: Color, Physical State, Odor, Viscosity, and Density for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/5. Unpublished study prepared by Provectis. 5p.
- 49621402 Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of Neove Spot On #001. Project Number: NW/P03/E02, NW/P03/E02/1, NW/P03/E02/2. Unpublished study prepared by Shanghai Newway Animal Health Co., Ltd. 12p.
- 49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.
- 49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.
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- 49658202 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics. Project Number: ECS/355/1. Unpublished study prepared by EcoSafe Natural Products, Inc. 7p.
- 49661306 Christensen, G. (2015) The Characterization of IMD+MTL+PTZ+TBZ FS 116.48, Batch Numbers 2015-001938 and 2015-001941. Project Number: M/521460/01/2, PC/15/007. Unpublished study prepared by Bayer CropScience LP. 42p.
- 49661307 Guldner, W.; Hoppe, M. (2015) Final Report (14 days): Storage Stability at Elevated Temperature and Corrosion Characteristics of Imidacloprid + Metalaxyl + Prothioconazole + Tebuconazole FS 116.48 (92+6.16+15.3+3.02 g/L) - Packaging Material: HDPE. Project Number: M/527731/01/2, FM0261/EPR01/G01. Unpublished study prepared by Bayer CropScience AG. 26p.
- 49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.
- 49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49720302 Theus, S. (2014) Dominion 4Lb.: Physical and Chemical Characteristics. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 8p.

49759103 Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.

49778604 Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778704 Zeng, X. (2015) Physical and Chemical Properties of Neove Spot On #002 for Dogs. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 13p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796004 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Colour, Odour and Physical State: Final Report. Project Number: CH/////248/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 21p.

830.6303 **Physical state**

MRID	Citation Reference
49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49510303	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers forSergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49518302	Kaspar, H. (2014) Product Chemistry Testing of Imidacloprid SC Formulaiton (VCP-08). Project Number: VIVE200/140047. Unpublished study prepared by Maxxam Analytics. 40p.
49518703	Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of ImidaGuard(TM) II. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd. Changzhou Branch. 24p.
49561803	Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.
49589301	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49592801 Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.

49609004 Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared by Provetis. 5p.

49609005 Hojabri, H. (2015) Physical and Chemical Characteristics: Color, Physical State, Odor, Viscosity, and Density for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/5. Unpublished study prepared by Provetis. 5p.

49621402 Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of Neove Spot On #001. Project Number: NW/P03/E02, NW/P03/E02/1, NW/P03/E02/2. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 12p.

49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.

49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656603 Wo, C. (2015) Custom Blend 35ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40717, P801, 40716. Unpublished study prepared by Product Safety Laboratories. 16p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49656703 Wo, C. (2015) Custom Blend 10ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40719, P801. Unpublished study prepared by Product Safety Laboratories. 16p.

49658202 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics. Project Number: ECS/355/1. Unpublished study prepared by EcoSafe Natural Products, Inc. 7p.

49661306 Christensen, G. (2015) The Characterization of IMD+MTL+PTZ+TBZ FS 116.48, Batch Numbers 2015-001938 and 2015-001941. Project Number: M/521460/01/2, PC/15/007. Unpublished study prepared by Bayer CropScience LP. 42p.

49661307 Guldner, W.; Hoppe, M. (2015) Final Report (14 days): Storage Stability at Elevated Temperature and Corrosion Characteristics of Imidacloprid + Metalaxyl + Prothioconazole + Tebuconazole FS 116.48 (92+6.16+15.3+3.02 g/L) - Packaging Material: HDPE. Project Number: M/527731/01/2, FM0261/EPR01/G01. Unpublished study prepared by Bayer CropScience AG. 26p.

49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.

49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49759103 Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.

49778604 Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778704 Zeng, X. (2015) Physical and Chemical Properties of Neove Spot On #002 for Dogs. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 13p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796004 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Colour, Odour and Physical State: Final Report. Project Number: CH/////248/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 21p.

830.6304 **Odor**

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49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
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49518703	Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of ImidaGuard(TM) II. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd. Changzhou Branch. 24p.
49561803	Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.
49592801	Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.
49609004	Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared

by Provetis. 5p.

- 49609005 Hojabri, H. (2015) Physical and Chemical Characteristics: Color, Physical State, Odor, Viscosity, and Density for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/5. Unpublished study prepared by Provetis. 5p.
- 49621402 Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of Neove Spot On #001. Project Number: NW/P03/E02, NW/P03/E02/1, NW/P03/E02/2. Unpublished study prepared by Shanghai Newway Animal Health Co., Ltd. 12p.
- 49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.
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- 49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
- 49656603 Wo, C. (2015) Custom Blend 35ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40717, P801, 40716. Unpublished study prepared by Product Safety Laboratories. 16p.
- 49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
- 49656703 Wo, C. (2015) Custom Blend 10ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40719, P801. Unpublished study prepared by Product Safety Laboratories. 16p.
- 49658202 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics. Project Number: ECS/355/1. Unpublished study prepared by EcoSafe Natural Products, Inc. 7p.
- 49661307 Guldner, W.; Hoppe, M. (2015) Final Report (14 days): Storage Stability at Elevated Temperature and Corrosion Characteristics of Imidacloprid + Metalaxyl + Prothioconazole + Tebuconazole FS 116.48 (92+6.16+15.3+3.02 g/L) - Packaging Material: HDPE. Project Number: M/527731/01/2, FM0261/EPR01/G01. Unpublished study prepared by Bayer CropScience AG. 26p.
- 49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.
- 49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
- 49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
- 49759103 Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.
- 49778604 Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.
- 49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs.

Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778704 Zeng, X. (2015) Physical and Chemical Properties of Neove Spot On #002 for Dogs. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 13p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796004 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Colour, Odour and Physical State: Final Report. Project Number: CH/////248/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 21p.

830.6313 Stability to normal and elevated temperatures, metals, and metal ions

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49656701	Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
49670104	Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49670202	Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49719501	Suratwala, T. (2014) Accelerated Storage Stability of Acephate 50.0% + Imidacloprid 5.0% WG. Project Number: 234/2/11/8005. Unpublished study performed by Jai Research Foundation. 125p.
49759103	Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.
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49778703	Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.6314 Oxidizing or reducing action

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49518302	Kaspar, H. (2014) Product Chemistry Testing of Imidacloprid SC Formulaiton (VCP-08). Project Number: VIVE200/140047. Unpublished study prepared by Maxxam Analytics. 40p.

49561803 Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.

49592801 Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.

49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656603 Wo, C. (2015) Custom Blend 35ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40717, P801, 40716. Unpublished study prepared by Product Safety Laboratories. 16p.

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49656703 Wo, C. (2015) Custom Blend 10ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40719, P801. Unpublished study prepared by Product Safety Laboratories. 16p.

49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49759103 Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.

49778604 Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796005 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Oxidizing Properties: Final Report. Project Number: CH/////256/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 23p.

830.6315 Flammability

MRID	Citation Reference
------	--------------------

49469203 Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.

49469206 Kroh, H. (2014) Flashpoint for Sergeant's 9.1% Imidacloprid and 9.1% Imidacloprid + 0.46% Pyriproxyfen Spot-On Products. Project Number: MO4832. Unpublished study prepared by BioGenius GmbH. 8p.

49510303 Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers forSergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.

49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49609004 Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared by Provectis. 5p.

49609006 Hojabri, H. (2015) Flashpoint for Ceva Animal Health's Imidacloprid Spot-On Solution, Imidacloprid & Pyriproxyfen Spot-On Solution, and Imidacloprid & Permethrin Spot-On Solution. Project Number: IMI/PF/15/6. Unpublished study prepared by Exova. 40p.

49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

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49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49759104 Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49778605 Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796006 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Flammability: Final Report. Project

Number: CH/255/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 19p.

830.6316 Explodability

MRID	Citation Reference
49656601	Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
49656701	Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
49670104	Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49670202	Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49759104	Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.
49778605	Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.
49778703	Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.
49796007	Mazzei, N. (2013) Determination of the Explosive Properties on the Sample Imidacloprid 10 Percent WG. Project Number: 201302497. Unpublished study prepared by Innovhub. 26p.

830.6317 Storage stability

MRID	Citation Reference
49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49469205	Thoma, R. (2014) Accelerated 14-Day Storage Stability and Corrosion Characteristics of Sergeant's 9.1% Imidacloprid Spot-On Products. Project Number: SERGEANT/S/10/14/05. Unpublished study prepared by Formula GmbH. 5p.
49510303	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers forSergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49510305	Thoma, R. (2014) Accelerated 14-Day Storage Stability and Corrosion Characteristics of Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: CVSG/003. Unpublished study prepared by Formula GmbH. 5p.

49518702 Lu, L. (2014) ImidaGuard(TM) II Accelerated Storage Stability and Corrosion Characteristics. Project Number: NW/P04/E03. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd Changzhou Branch. 24p.

49528101 Leopard, J. (2014) Accelerated Storage Stability and Corrosion Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1520, ARC/EX/1520/013/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 36p.

49540701 Leopard, B. (2014) Accelerated Storage Stability and Corrosion Characteristics of NUP-14001: Final Report. Project Number: ARC/EX/1443, ARC/EX/1443/009/P/1, ARC/EX/1443/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 42p.

49550101 Wo, C. (2015) CFI-STAR-IFTZ-35-ST: Storage Stability and Corrosion Characteristics. Project Number: P800, 37206. Unpublished study prepared by Product Safety Laboratories. 74p.

49550201 Wo, C. (2015) CFI-STAR-IFTZ-10 ST: Storage Stability and Corrosion Characteristics. Project Number: 37220, P800. Unpublished study prepared by Product Safety Laboratories. 73p.

49571401 Leopard, J. (2015) Storage Stability and Corrosion Characteristics of ORD-1302: Final Report. Project Number: ARC/EX/1338/023/P/1, ARC/EX/1388, ARC/EX/1388/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 72p.

49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589308 Crane, C. (2014) Storage Stability and Container Corrosion Evaluation of F9115-2. Project Number: 2014SST/BIF1635. Unpublished study prepared by FMC Corporation. 35p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49589408 Crane, C. (2015) Storage Stability and Container Corrosion Evaluation of F9113-2. Project Number: 2014SST/BIF1537. Unpublished study prepared by FMC Corporation . 35p.

49595901 Dunker. B. (2012) Storage Stability Evaluation of MGK Formula 2960. Project Number: GLP/2576. Unpublished study prepared by McLaughlin Gormley King Company. 17p.

49609004 Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared by Provetis. 5p.

49621403 Lu, L. (2014) Neove Spot On #001: Accelerated Storage Stability and Corrosion Characteristics. Project Number: NW/P03/E03. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 17p.

49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.

49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.

49648601 Theus, S. (2015) Accelerated Storage Stability and Corrosion Characteristics of I Maxx Pro. Project Number: ARC/EX/1595/009/P/1, ARC/EX/1595, ARC/EX/1595/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 42p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test

Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49661307 Guldner, W.; Hoppe, M. (2015) Final Report (14 days): Storage Stability at Elevated Temperature and Corrosion Characteristics of Imidacloprid + Metalaxyl + Prothioconazole + Tebuconazole FS 116.48 (92+6.16+15.3+3.02 g/L) - Packaging Material: HDPE. Project Number: M/527731/01/2, FM0261/EPR01/G01. Unpublished study prepared by Bayer CropScience AG. 26p.

49661309 Tunink, A. (2015) Raxil Pro Shield: Accelerated Storage Stability. Project Number: M/527912/01/3, 82599. Unpublished study prepared by ABC Laboratories, Inc. 48p.

49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.

49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49759104 Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49768301 Leopard, J.B. (2015) Storage Stability and Corrosion Characteristics of Imidacloprid Lambda Insect Granules: Final Report. Project Number: ARC/EX/1518. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 53p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778705 Lu, L. (2015) Accelerated Storage Stability and Corrosion Characteristics for Neove Spot On #002 for Dogs. Project Number: NW/P04/E03. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 24p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796008 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Accelerated Storage Stability and Corrosion Characteristics: Final Report. Project Number: CH///270/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 86p.

830.6319 **Miscibility**

MRID	Citation Reference
49656601	Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
49656701	Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
49661310	Hines, D. (2015) Final Report: Miscibility of Raxil Pro Shield. Project Number: M/536052/01/1. Unpublished study prepared by Bayer CropScience LP. 4p.
49670104	Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc.

6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49759104 Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49778605 Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.6320 Corrosion characteristics

MRID	Citation Reference
49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49469205	Thoma, R. (2014) Accelerated 14-Day Storage Stability and Corrosion Characteristics of Sergeant's 9.1% Imidacloprid Spot-On Products. Project Number: SERGEANT/S/10/14/05. Unpublished study prepared by Formula GmbH. 5p.
49510303	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers forSergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49510305	Thoma, R. (2014) Accelerated 14-Day Storage Stability and Corrosion Characteristics of Sergeant""s Imidacloprid + Pyriproxyfen Spot On Products. Project Number: CVSG/003. Unpublished study prepared by Formula GmbH. 5p.
49518702	Lu, L. (2014) ImidaGuard(TM) II Accelerated Storage Stability and Corrosion Characteristics. Project Number: NW/P04/E03. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd Changzhou Branch. 24p.
49528101	Leapard, J. (2014) Accelerated Storage Stability and Corrosion Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1520, ARC/EX/1520/013/P/1. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 36p.
49540701	Leapard, B. (2014) Accelerated Storage Stability and Corrosion Characteristics of NUP-14001: Final Report. Project Number: ARC/EX/1443, ARC/EX/1443/009/P/1, ARC/EX/1443/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 42p.
49550101	Wo, C. (2015) CFI-STAR-IFTZ-35-ST: Storage Stability and Corrosion Characteristics. Project Number: P800, 37206. Unpublished study prepared by Product Safety Laboratories. 74p.
49550201	Wo, C. (2015) CFI-STAR-IFTZ-10 ST: Storage Stability and Corrosion Characteristics. Project Number: 37220, P800. Unpublished study prepared by Product Safety Laboratories. 73p.
49571401	Leapard, J. (2015) Storage Stability and Corrosion Characteristics of ORD-1302: Final Report. Project

Number: ARC/EX/1338/023/P/1, ARC/EX/1388, ARC/EX/1388/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 72p.

49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589308 Crane, C. (2014) Storage Stability and Container Corrosion Evaluation of F9115-2. Project Number: 2014SST/BIF1635. Unpublished study prepared by FMC Corporation. 35p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49589408 Crane, C. (2015) Storage Stability and Container Corrosion Evaluation of F9113-2. Project Number: 2014SST/BIF1537. Unpublished study prepared by FMC Corporation . 35p.

49595901 Dunker. B. (2012) Storage Stability Evaluation of MGK Formula 2960. Project Number: GLP/2576. Unpublished study prepared by McLaughlin Gormley King Company. 17p.

49609004 Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared by Provetis. 5p.

49621403 Lu, L. (2014) Neove Spot On #001: Accelerated Storage Stability and Corrosion Characteristics. Project Number: NW/P03/E03. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 17p.

49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.

49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.

49648601 Theus, S. (2015) Accelerated Storage Stability and Corrosion Characteristics of I Maxx Pro. Project Number: ARC/EX/1595/009/P/1, ARC/EX/1595, ARC/EX/1595/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 42p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49661307 Guldner, W.; Hoppe, M. (2015) Final Report (14 days): Storage Stability at Elevated Temperature and Corrosion Characteristics of Imidacloprid + Metalaxyl + Prothioconazole + Tebuconazole FS 116.48 (92+6.16+15.3+3.02 g/L) - Packaging Material: HDPE. Project Number: M/527731/01/2, FM0261/EPR01/G01. Unpublished study prepared by Bayer CropScience AG. 26p.

49661309 Tunink, A. (2015) Raxil Pro Shield: Accelerated Storage Stability. Project Number: M/527912/01/3, 82599. Unpublished study prepared by ABC Laboratories, Inc. 48p.

49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.

49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe

Natural Products Inc. 6p.

49759104 Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49768301 Leopard, J.B. (2015) Storage Stability and Corrosion Characteristics of Imidacloprid Lambda Insect Granules: Final Report. Project Number: ARC/EX/1518. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 53p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778705 Lu, L. (2015) Accelerated Storage Stability and Corrosion Characteristics for Neove Spot On #002 for Dogs. Project Number: NW/P04/E03. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 24p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796008 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Accelerated Storage Stability and Corrosion Characteristics: Final Report. Project Number: CH///270/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 86p.

830.6321 Dielectric breakdown voltage

MRID	Citation Reference
49656601	Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
49656701	Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
49661311	Hines, D. (2015) Final Report: Dielectric Breakdown Voltage of Raxil Pro Shield. Project Number: M/536048/01/1. Unpublished study prepared by Bayer CropScience LP. 4p.
49670104	Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49670202	Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49759104	Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.
49778703	Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7000 pH

MRID	Citation Reference
49518302	Kaspar, H. (2014) Product Chemistry Testing of Imidacloprid SC Formulaiton (VCP-08). Project Number: VIVE200/140047. Unpublished study prepared by Maxxam Analytics. 40p.
49561803	Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.
49589301	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.
49589401	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.
49592801	Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.
49626002	Leapard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.
49639702	Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.
49656601	Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
49656603	Wo, C. (2015) Custom Blend 35ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40717, P801, 40716. Unpublished study prepared by Product Safety Laboratories. 16p.
49656701	Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
49656703	Wo, C. (2015) Custom Blend 10ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40719, P801. Unpublished study prepared by Product Safety Laboratories. 16p.
49658202	Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics. Project Number: ECS/355/1. Unpublished study prepared by EcoSafe Natural Products, Inc. 7p.
49661306	Christensen, G. (2015) The Characterization of IMD+MTL+PTZ+TBZ FS 116.48, Batch Numbers 2015-001938 and 2015-001941. Project Number: M/521460/01/2, PC/15/007. Unpublished study prepared by Bayer CropScience LP. 42p.
49670103	Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.
49670104	Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49670202	Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49720302 Theus, S. (2014) Dominion 4Lb.: Physical and Chemical Characteristics. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 8p.

49759103 Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.

49778604 Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778704 Zeng, X. (2015) Physical and Chemical Properties of Neove Spot On #002 for Dogs. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 13p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796009 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the pH Value and Acidity or Alkalinity. Project Number: CH/////249/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 19p.

830.7050 UV/Visible absorption

MRID	Citation Reference
49759103	Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.
49778604	Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7100 Viscosity

MRID	Citation Reference
49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49469204	Thoma, R. (2014) Physical and Chemical Characteristics: Color, Viscosity, and Density for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: IMIDACLOPRID/MONO/CS. Unpublished study prepared

by Formula GmbH. 6p.

49510303 Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.

49510304 Thoma, R. (2014) Physical and Chemical Characteristics: Color, Viscosity, and Density for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: CVSG/003. Unpublished study prepared by Formula GmbH. 6p.

49518302 Kaspar, H. (2014) Product Chemistry Testing of Imidacloprid SC Formulaiton (VCP-08). Project Number: VIVE200/140047. Unpublished study prepared by Maxxam Analytics. 40p.

49518703 Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of ImidaGuard(TM) II. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd. Changzhou Branch. 24p.

49561803 Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.

49589301 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.

49589401 O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.

49592801 Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.

49609004 Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared by Provectis. 5p.

49609005 Hojabri, H. (2015) Physical and Chemical Characteristics: Color, Physical State, Odor, Viscosity, and Density for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/5. Unpublished study prepared by Provectis. 5p.

49621402 Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of Neove Spot On #001. Project Number: NW/P03/E02, NW/P03/E02/1, NW/P03/E02/2. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 12p.

49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.

49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.

49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.

49656603 Wo, C. (2015) Custom Blend 35ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40717, P801, 40716. Unpublished study prepared by Product Safety Laboratories. 16p.

49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.

49656703 Wo, C. (2015) Custom Blend 10ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40719, P801. Unpublished study prepared by Product Safety Laboratories. 16p.

49658202 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics. Project Number: ECS/355/1. Unpublished study prepared by EcoSafe Natural Products, Inc. 7p.

49661312 Hines, D. (2015) Final Report: Viscosity of Raxil Pro shield. Project Number: M/541422/01/1. Unpublished study prepared by Bayer CropScience LP. 5p.

49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.

49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.

49720302 Theus, S. (2014) Dominion 4Lb.: Physical and Chemical Characteristics. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 8p.

49759104 Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49778605 Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778704 Zeng, X. (2015) Physical and Chemical Properties of Neove Spot On #002 for Dogs. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 13p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7200 Melting point/melting range

MRID	Citation Reference
49759103	Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.
49778604	Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7220 Boiling point/boiling range

MRID	Citation Reference
49778605	Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7300 Density/relative density

MRID	Citation Reference
49469203	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: SERGEANT/S/10/14/03. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49469204	Thoma, R. (2014) Physical and Chemical Characteristics: Color, Viscosity, and Density for Sergeant's 9.1% Imidacloprid Spot-on Products. Project Number: IMIDACLOPRID/MONO/CS. Unpublished study prepared by Formula GmbH. 6p.
49510303	Hoskins, K. (2014) Summary of Group B Product Chemistry and Waivers forSergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: SERGEANT/S/11/14/03B. Unpublished study prepared by BioGenius GmbH and Formula GmbH. 5p.
49510304	Thoma, R. (2014) Physical and Chemical Characteristics: Color, Viscosity, and Density for Sergeant's Imidacloprid + Pyriproxyfen Spot On Products. Project Number: CVSG/003. Unpublished study prepared by Formula GmbH. 6p.
49518302	Kaspar, H. (2014) Product Chemistry Testing of Imidacloprid SC Formulaiton (VCP-08). Project Number: VIVE200/140047. Unpublished study prepared by Maxxam Analytics. 40p.
49518703	Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of ImidaGuard(TM) II. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Company, Ltd. Changzhou Branch. 24p.
49561803	Theus, S. (2014) Physical and Chemical Characteristics of NUP-14051: Final Report. Project Number: ARC/EX/1523/006/P/1, ARC/EX/1523, ARC/EX/1523/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 22p.
49589301	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9115-2. Project Number: 00090, AP2014/027, SR20150129A. Unpublished study prepared by Symbiotic Research, LLC. 151p.
49589401	O'Brien, L.; Meyer, D. (2015) Determination of Physical & Chemical Characteristics of F9113-2. Project Number: 2014PCP/BIF1577, 00086, AP2014/023. Unpublished study prepared by Symbiotic Research, LLC. 132p.
49592801	Theus, S. (2015) Physical and Chemical Characteristics of Dominion 2L: Final Report. Project Number: ARC/EX/1542, ARC/EX/1542/006/P/1, ARC/EX/1542/001/P. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 21p.
49609004	Hojabri, H. (2015) Summary of Group B Product Chemistry and Waivers for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/4. Unpublished study prepared

by Provetis. 5p.

- 49609005 Hojabri, H. (2015) Physical and Chemical Characteristics: Color, Physical State, Odor, Viscosity, and Density for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution. Project Number: IMI/PF/15/5. Unpublished study prepared by Provetis. 5p.
- 49621402 Tao, Z. (2014) Group B Product Chemistry, Physical and Chemical Properties of Neove Spot On #001. Project Number: NW/P03/E02, NW/P03/E02/1, NW/P03/E02/2. Unpublished study prepared by Shanghai Newway Animal Health Co., Ltd. 12p.
- 49626002 Leopard, J. (2014) Physical and Chemical Characteristics of KRD-1403: Final Report. Project Number: ARC/EX/1509/011/P/1, ARC/EX/1509. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 56p.
- 49639702 Donnelly, M. (2015) Formulation A2: Physical-Chemical Characteristics. Project Number: 160/003. Unpublished study prepared by Agenda1 Analytical Services Limited. 35p.
- 49656601 Gregory, A. (2015) Custom Blend 35ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/11. Unpublished study prepared by Albaugh LLC. 7p.
- 49656603 Wo, C. (2015) Custom Blend 35ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40717, P801, 40716. Unpublished study prepared by Product Safety Laboratories. 16p.
- 49656701 Gregory, A. (2015) Custom Blend 10ST: Summary of OPPTS 830.1000 Series Product Properties Test Guidelines. Project Number: ALB15/10S. Unpublished study prepared by Albaugh LLC. 7p.
- 49656703 Wo, C. (2015) Custom Blend 10ST: Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, pH, Viscosity, and Density/Relative Density. Project Number: 40719, P801. Unpublished study prepared by Product Safety Laboratories. 16p.
- 49658202 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics. Project Number: ECS/355/1. Unpublished study prepared by EcoSafe Natural Products, Inc. 7p.
- 49661306 Christensen, G. (2015) The Characterization of IMD+MTL+PTZ+TBZ FS 116.48, Batch Numbers 2015-001938 and 2015-001941. Project Number: M/521460/01/2, PC/15/007. Unpublished study prepared by Bayer CropScience LP. 42p.
- 49661307 Guldner, W.; Hoppe, M. (2015) Final Report (14 days): Storage Stability at Elevated Temperature and Corrosion Characteristics of Imidacloprid + Metalaxyl + Prothioconazole + Tebuconazole FS 116.48 (92+6.16+15.3+3.02 g/L) - Packaging Material: HDPE. Project Number: M/527731/01/2, FM0261/EPR01/G01. Unpublished study prepared by Bayer CropScience AG. 26p.
- 49670103 Bradbury, R. (2015) Product Chemistry: Physical and Chemical Characteristics of Fuse Termiticidal Foaming Spray. Project Number: ECS/329/4. Unpublished study prepared by EcoSafe Natural Products Inc. 7p.
- 49670104 Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
- 49670202 Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
- 49720302 Theus, S. (2014) Dominion 4Lb.: Physical and Chemical Characteristics. Unpublished study prepared by Analytical & Regulatory Chemistry, Inc. 8p.
- 49759103 Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.

49778604 Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49778704 Zeng, X. (2015) Physical and Chemical Properties of Neove Spot On #002 for Dogs. Project Number: NW/P04/E02. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 13p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796010 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Bulk (TAP) Density: Final Report. Project Number: CH/////250/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 19p.

830.7370 **Dissociation constants in water**

MRID	Citation Reference
49759103	Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.
49778604	Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7520 **Particle size, fiber length, and diameter distribution**

MRID	Citation Reference
49670104	Nouvel, L. (2015) Group B Product Chemistry Summary and Waiver for LNouvel Termiticidal Foaming Sprays. Project Number: LNOUVEL/15/02. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49670202	Nouvel, L. (2015) Group B Product Chemistry Summary and Waivers For LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Project Number: LNOUVEL/15/04. Unpublished study prepared by EcoSafe Natural Products Inc. 6p.
49759103	Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.

49759104 Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49778605 Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.

49778703 Zhao, J. (2015) Summary of Group B Product Chemistry and Waivers for Neove Spot On #002 for Dogs. Project Number: NW/P04/E02/SUMMARY. Unpublished study prepared by Shanghai Neway Animal Health Co., Ltd. 5p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

49796011 Nichetti, S. (2013) Imidacloprid 10 Percent WG: Determination of the Particle Size Distribution: Final Reiport. Project Number: CH/258/2013. Unpublished study prepared by ChemService S.r.l. Controlli e Ricerche. 21p.

830.7550 Partition coefficient (n-octanol/water), shake flask method

MRID	Citation Reference
49778604	Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7840 Water solubility: Column elution method, shake flask method

MRID	Citation Reference
49759103	Rao, D. (2011) Chemical and Physical Characterization of Imidacloprid TGAI: Color, Physical State, Odor Stability, Oxidation, Reduction, pH, UV-Vis, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility. Project Number: NC/2011/003. Study prepared by Nutrichem Laboratory Co., Ltd. 88p.
49778604	Xu, J. (2015) Physical and Chemical Characterization of Imidacloprid TGAI - Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV/visible absorption, Melting Point, Density, Dissociation Constant, Partition Coefficient and Solubility: Final Report. Project Number: ABC/2015/14, ABC/2015/13. Unpublished study prepared by Achiever Biochem Company Limited GLP Lab. 115p.
49788714	Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

830.7950 Vapor pressure

MRID	Citation Reference
49759104	Jeram, L. (2015) Waiver Request for Product Chemistry Preventol TM Insecticide (Additional Source)

Imidacloprid. Unpublished study prepared by Lanxess Corporation. 7p.

49778605 Tillman, A. (2015) Tacoma Ag Imidacloprid Tech Physical and Chemical Properties and Waiver Requests. Project Number: TA/201503. Unpublished study prepared by Tacoma Ag, LLC. 6p.

49788714 Donnelly, M. (2015) Formulation T2: Physical-Chemical Characteristics. Unpublished study prepared by Omnipharm Limited. 29p.

835.1240 Soil column leaching

MRID	Citation Reference
49602701	Koenig, T. (2015) Leaching Behavior of Pesticide; Active Ingredient: Gaucho 70 WS; Standard Soil 2.1, 2.2, 2.3. Project Number: RR00493/6, RR00494/4, RR00495/2. Unpublished study prepared by Bayer AG. 15p.

835.2370 Photodegradation of parent and degradates in air

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

835.4300 Aerobic aquatic metabolism

MRID	Citation Reference
49602702	Halarankar, P.; Leimkuehler, W.; Davis, J. (1997) Characterization of Three Degradates of Imidacloprid from Aerobic Aquatic Biotransformation. Project Number: 107547, 107547-1, N3072402. Unpublished study prepared by Bayer CropScience. 185p.

835.6100 Terrestrial field dissipation

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

835.7100 Ground water monitoring

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1010 Aquatic invertebrate acute toxicity, test, freshwater daphnids

MRID	Citation Reference
49626501	McGee, S.; Bowers, L.; Hall, T. (2015) Criteria for Evaluating Mesocosm Studies of Aquatic Invertebrates Exposed to Imidacloprid. Project Number: US0481, 60/80005. Unpublished study prepared by Bayer Crop Science LP. 195p.
49626502	McGee, S.; Bowers, L.; Hall, T. (2015) Criteria for Evaluating Laboratory Studies of Aquatic Invertebrates Exposed to Imidacloprid. Project Number: US0481, 60/80005. Unpublished study prepared by Bayer Crop Science LP. 1334p.
49695201	Goss, G. (2015) Daphnia magna Acute Immobilization Test on VIVE(R) Imidacloprid SC Formulation: VCP-08-A and VCP-08-B. Unpublished study prepared by University of Alberta. 34p.

850.1045 Penaeid acute toxicity test

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1350 Mysid chronic toxicity test

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1400 Fish early-life stage toxicity test

MRID	Citation Reference
49602703	Gries, T. (2002) Imidacloprid (NTN 33893): Early Life-Stage Toxicity Test with Rainbow Trout (Oncorhynchus mykiss) under Flow-Through Conditions. Project Number: 1022/016/321. Unpublished study prepared by Springborn Smithers Laboratories (Europe) AG. 102p.

850.1500 Fish life cycle toxicity

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1710 Oyster BCF

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1730 Fish BCF

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1850 Aquatic food chain transfer

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.1950 Field testing for aquatic organisms

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.2100 Avian acute oral toxicity test

MRID	Citation Reference
49602704	Grolleau, G. (1990) Determination of Acute Oral Toxicity (LD50) of NTN 33893 in Grey Partridges (Perdix perdix) and Red Legged Partridge (Alectoris rufa). Project Number: V/908144. Unpublished study prepared by INRA. 7p.

850.2400 Wild mammal acute toxicity

MRID	Citation Reference
49602710	Barth, M. (2000) Acute Oral Toxicity of Substance C to the Honeybee Apis mellifera L. Under Laboratory Conditions Prolonged for 10 Days: Final Report. Project Number: 0010480502C. Unpublished study prepared by BioChem agrar. 22p.
49602713	Barth, M. (2000) Acute Oral Toxicity of Substance B to the Honeybee Apis mellifera L. Under Laboratory Conditions Prolonged for 10 Days: Final Report. Project Number: 0010480502B. Unpublished study

prepared by BioChem agrar. 22p.

49602714 Barth, M. (2000) Acute Toxicity of Substance A to the Honeybee *Apis mellifera* L. Under Laboratory Conditions: Final Report. Project Number: 001048501. Unpublished study prepared by BioChem agrar. 19p.

49602716 Thompson, H. (2000) Substance A - Acute Oral Toxicity to Honey Bee *Apis mellifera*. Project Number: HT0400B. Unpublished study prepared by Central Science Laboratory. 18p.

49759105 Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

850.3020 Honey bee acute contact toxicity

MRID	Citation Reference
49602715	Thompson, H. (2000) Substance A: Acute Contact Toxicity to Honey Bees (<i>Apis mellifera</i>). Project Number: HT0400A. Unpublished study prepared by Central Science Laboratory. 18p.
49648203	Pfeiffer, S. (2014) Clothianidin + Imidacloprid FS 275 (100+175 g/L): Acute Contact Toxicity to the Bumble Bee, <i>Bombus terrestris</i> L. Under Laboratory Conditions: Final Report. Project Number: S13/05151, EBTIN106, M/494283/01/1. Unpublished study prepared by Eurofins Agrosience Services. 28p.
49648204	Schmitzer, S. (2014) Effects of Clothianidin + Imidacloprid FS 275 (100+175) G (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory: Final Report. Project Number: EBTIN125, 89691035, M/501653/01/1. Unpublished study prepared by Institut für Biologische Analytik und Consulting IBACON GmbH. 38p.
49648205	Sekine, T. (2014) Effects of Imidacloprid FS 350A G (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory: Final Report. Project Number: EBNTN045, 89281035, M/500305/01/1. Unpublished study prepared by Institut für Biologische Analytik und Consulting IBACON GmbH. 38p.
49648206	Pfeiffer, S. (2014) Imidacloprid + Pencycuron FS 370 (120+250 g/L)-Acute Contact Toxicity to the Bumble Bee, <i>Bombus terrestris</i> L. Under Laboratory Conditions: Final Report. Project Number: S13/05154, EBNTN044, M/494321/01/1. Unpublished study prepared by Eurofins Agrosience Services. 27p.
49648207	Schmitzer, S. (2014) Effects of Imidacloprid + Pencycuron FS 370 (120+250) G (Acute Contact and Oral) on Honey Bees (<i>Apis mellifera</i> L.) in the Laboratory: Final Report. Project Number: EBNTN049, 89661035, M/503109/01/1. Unpublished study prepared by Institut für Biologische Analytik und Consulting IBACON GmbH. 38p.

850.3040 Field testing for pollinators

MRID	Citation Reference
49602706	Cure, G.; Crevat, J.; Mignot, A. (1998) Feeding Test with Bees in Field Conditions: NTN 33893. Project Number: MO/03/010457. Unpublished study prepared by Bayer AG. 8p.
49602707	Barth, M. (2001) Acute Toxicity of Imidacloprid SL 200 to the Honeybee <i>Apis mellifera</i> L. Under Laboratory Conditions: Final Report. Project Number: 011048048. Unpublished study prepared by BioChem agrar. 31p.
49648208	Klein, O. (2014) A Field Study to Evaluate Effects of Monceren G on the Bumble Bee (<i>Bombus terrestris</i> L.; Hymenoptera, Apidae) in Potato in Southern Germany in 2014: Final Report. Project Number: S14/03553, EBNTN074, M/503597/01/1. Unpublished study prepared by Eurofins Agrosience Services. 150p.

49648209 Klein, O. (2014) A Field Study to Evaluate Effects of Monceren G on the Bumble Bee (*Bombus terrestris* L.; Hymenoptera, Apidae) in Potato in Southern Germany in 2014: Final Report. Project Number: S14/03554, EBNTN074, M/504174/01/1. Unpublished study prepared by Eurofins Agroscience Services. 151p.

49648218 Hofmann, S.; Staffel, J.; Aumeier, P. (2014) Field Study to Monitor Potential Effects on Honey Bees from Exposure to Guttation Fluid of Winter Barley (W-BAR), Seed-Treated with the Insecticidal Seed-Treatment Product Clothianidin + Imidacloprid FS 100 + 175 G in Germany in 2011/2012: Final Report. Project Number: 142, R11130, EBTIL116. Unpublished study prepared by RIFCON GmbH. 413p.

49648219 Rexer, H. (2014) A Long-Term Field Study to Monitor Potential Effects on the Honeybee (*Apis mellifera* L.) from Exposure to Guttation Fluid of Potato Plants, Grown from Seed Tubers Treated with Monceren G in Southern Germany in 2014 and 2015: Final Report. Project Number: S14/01385, EBNTN074, M/503349/01/1. Unpublished study prepared by Eurofins Agroscience Services. 143p.

49648220 Rexer, H. (2014) A Long-Term Field Study to Monitor Potential Effects on the Honeybee (*Apis mellifera* L.) from Exposure to Guttation Fluid of Potato Plants, Grown from Seed Tubers Treated with Monceren G in Southern Germany in 2014 and 2015: Final Report. Project Number: S14/01392, EBNTN074, M/503344/01/1. Unpublished study prepared by Eurofins Agroscience Services. 142p.

49766210 Szentes, C. (1999) Field Test of Gaucho 350 FS Seeddressed Sunflowers on Honeybee Colonies: Final Report. Project Number: 3103/99, 3103/99/MO/00/007381. Unpublished study prepared by Ecotoxicological Laboratory. 38p.

49798501 Cabrera, A.R. (2015) Interim Report: Pollinator Field Study Evaluating Chronic Effects of Seed, In-Furrow at Planting and a Pre-Bloom Foliar Application of Imidacloprid to Cotton, *Gossypium barbadense* L. Project Number: US0552, EBNTN192. Unpublished study prepared by Smithers Viscient. 13p.

49803801 Olmstead, A.W. (2015) Interim Report: Pollinator Field Study Evaluating Chronic Effects of a Post Seeding Application of Imidacloprid in Pumpkins (*Curcubita pepo pepo*). Project Number: US0554. Unpublished study prepared by Smithers Viscient. 13p.

850.4500 **Algal Toxicity**

MRID	Citation Reference
49602705	Dorgerloh, M. (2000) Imidacloprid: Infulence on the Growth of Green Alga, <i>Selenastrum capricornutum</i> . Project Number: E323/1806/3, DOM20018. Unpublished study prepared by Bayer AG. 27p.

860.1000 **Background**

MRID	Citation Reference
49589409	Formella, T. (2015) Imidacloprid: Use of Seed Treatment Field Residue Data to Support At-Plant In-Furrow Applications on Corn. Project Number: F/4343, 94/010, 64/017. Unpublished study prepared by FMC Corporation Agricultural Products Group. 11p.

860.1500 **Crop field trials**

MRID	Citation Reference
49589409	Formella, T. (2015) Imidacloprid: Use of Seed Treatment Field Residue Data to Support At-Plant In-Furrow

Applications on Corn. Project Number: F/4343, 94/010, 64/017. Unpublished study prepared by FMC Corporation Agricultural Products Group. 11p.

860.1550 Proposed tolerances

MRID	Citation Reference
49719609	Choudary, A.; Sharma, D. (2007) Dynamics of pesticide residues in nectar and pollen of mustard (Brassica juncea (L.) Czern.) grown in Himachal Pradesh (India). Environ Monit Assess (2008) 144:143;150.

870.1000 Acute toxicity testing--background

MRID	Citation Reference
49510307	Allingham, P. (2014) Acute Oral Toxicity Up and Down Procedure with CVSG 003: Final Report. Project Number: 143382. Unpublished study prepared by BSL Bioservice Scientific Laboratories GmbH. 33p.
49639708	Stiller, S. (2015) Test for Sensitisation (Local Lymph Node Assay - LLNA) with A2: Final Report. Project Number: 151919, E/01977. Unpublished study prepared by BSL Bioservice. 32p.
49788720	Leoni, A. (2015) Final Report: Test for Senitisation (Local Lymph Node Assay - LLNA) with T2. Project Number: B/01980. Unpublished study prepared by BSL BioService. 53p.

870.1100 Acute oral toxicity

MRID	Citation Reference
49455001	Murphy, V. (2014) MalEx(TM) CitrusLeafminer: Acute Oral Toxicity (UDP) in Rats. Project Number: 18247/14. Unpublished study prepared by Stillmeadow, Inc. 10p.
49510307	Allingham, P. (2014) Acute Oral Toxicity Up and Down Procedure with CVSG 003: Final Report. Project Number: 143382. Unpublished study prepared by BSL Bioservice Scientific Laboratories GmbH. 33p.
49518303	Messerschmidt, O. (2014) VCP-08:Toxicity Studies Summary. Unpublished study prepared by Vive Crop Protection, Inc. 5p.
49518304	Durando, J. (2014) VCP-08: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 39520, P320/UDP, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 17p.
49518310	Durando, J. (2014) VCP-08: Acute Oral Toxicity - Up-And-Down Procedure in Mice. Project Number: 39521, P320/UDP/MOU, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 15p.
49518311	Durando, J. (2014) VCP-08: Acute Oral Toxicity - Up-and-Down Procedure in Mice. Project Number: 39528, P320/UDP/MOU, 140912/4H. Unpublished study prepared by Product Safety Laboratories. 15p.
49518312	Messerschmidt, O. (2014) VCP-08: Acute Toxicity Studies - DERs. Unpublished study prepared by Vlive Crop Protection, Inc. 25p.
49549001	Durando, J. (2014) Imi-Tebu-Met ST: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 39294, P320/UDP, 39292. Unpublished study prepared by Product Safety Laboratories. 15p.
49561804	Durando, J. (2015) NUP-14051: Acute Oral Toxicity - Up-And-Down Procedure In Rats. Project Number:

39896, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 21p.

49589306 Lowe, C. (2015) F9115-2: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 39815, 2014TOX/BIF1661, P320/UDP/FMC. Unpublished study prepared by Product Safety Laboratories. 32p.

49589406 Durando, J. (2014) F9113-2: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 39426, 2014TOX/BIF1555, P320/UDP/FMC. Unpublished study prepared by Product Safety Laboratories. 32p.

49609007 Arulnesan, N. (2015) Acute Oral Toxicity Study of Imidacloprid Pyriproxyfen Spot On Solution in Sprague-Dawley Rats: Final Report. Project Number: 294722, PRO/294722 . Unpublished study prepared by Nucro-Technics. 55p.

49626003 Durando, J. (2015) KRD-1403: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 40151, P320/UDP. Unpublished study prepared by Product Safety Laboratories. 14p.

49639703 Ordonez, P. (2015) Amendment of Final Report N1: Evaluation of the Acute Oral Toxicity of the Test Item A2 Formulation in Female Sprague Dawley Rats by the Up-and-Down Testing Procedure. Project Number: B/01978. Unpublished study prepared by VIVOTECNIA Research S.L. 95p.

49661313 Slonina, M. (2015) Final Report: Raxil Pro Shield: Acute Oral Toxicity - Up-and-Down Procedure in Rats. Project Number: M/526196/01/1, 40809, P320/UDP/BCS. Unpublished study prepared by Product Safety Laboratories. 18p.

49661314 Friedman, K. (2015) Final Report: Bridging Rationale for Acute Toxicology data Requirements for alternate formulation of Raxil PRO Shield All-in-One Cereal ST formulation. Project Number: M/527080/01/1. Unpublished study prepared by Bayer CropScience AG. 11p.

49695203 Messerschmidt, O. (2015) VCP-08: Toxicity Studies Summary. Project Number: 39521, 39528. Unpublished study prepared by Vive Crop Protection, Inc. 5p.

49766901 Durando, J. (2015) Macho 600-4019: Acute Oral Toxicity - Up-And-Down Procedure in Rats. Project Number: 41501, P320/UDP, 150804/29H. Unpublished study prepared by Product Safety Laboratories. 15p.

49788715 Ordonez, P. (2015) Final Report: Evaluation of the Acute Oral Toxicity of the Test Item T2 Formulation in Female Sprague Dawley Rats by the Up-and Down Testing Procedure. Project Number: B/01983. Unpublished study prepared by Vivotecnia Research S.L. 86p.

49796012 (2013) Imidacloprid 10 Percent WDG: Acute Oral Toxicity Study in Rats. Project Number: R/13503/AOR/13, 13503. Unpublished study prepared by Intox Pvt. Ltd. 28p.

870.1200 Acute dermal toxicity

MRID	Citation Reference
49455002	Murphy, V. (2014) MalEx(TM) CitrusLeafminer: Acute Dermal Toxicity in Rats. Project Number: 18248/14. Unpublished study prepared by Stillmeadow, Inc. 11p.
49518303	Messerschmidt, O. (2014) VCP-08:Toxicity Studies Summary. Unpublished study prepared by Vive Crop Protection, Inc. 5p.
49518305	Durando, J. (2014) VCP-08: Acute Dermal Toxicity in Rats. Project Number: 39522, P322/RAT, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 15p.
49518312	Messerschmidt, O. (2014) VCP-08: Acute Toxicity Studies - DERs. Unpublished study prepared by Vlive Crop Protection, Inc. 25p.
49549002	Durando, J. (2014) Imi-Tebu-Met ST: Acute Dermal Toxicity in Rats. Project Number: 39295, P322/RAT,

39292. Unpublished study prepared by Product Safety Laboratories. 15p.

49561805 Durando, J. (2015) NUP-14051: Acute Dermal Toxicity In Rats. Project Number: 39897, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 20p.

49589305 Lowe, C. (2015) F9115-2: Acute Dermal Toxicity in Rats. Project Number: 39816, 2014TOX/BIF1660, P322/RAT/FMC. Unpublished study prepared by Product Safety Laboratories. 31p.

49589405 Durando, J. (2014) F9113-2: Acute Dermal Toxicity in Rats. Project Number: 39427, 2014TOX/BIF1554, P322/RAT/FMC. Unpublished study prepared by Product Safety Laboratories. 30p.

49626004 Durando, J. (2015) KRD-1403: Acute Dermal Toxicity in Rats. Project Number: 40152, P322/RAT. Unpublished study prepared by Product Safety Laboratories. 15p.

49639704 Ordonez, P. (2015) Amendment of Final Report N1: Evaluation of the Acute Dermal Toxicity of the Test Item A2 Formulation after a Single Dose Administration to Male and Female Sprague Dawley Rats. Project Number: B/01979. Unpublished study prepared by VIVOTECNIA Research S.L. 65p.

49661314 Friedman, K. (2015) Final Report: Bridging Rationale for Acute Toxicology data Requirements for alternate formulation of Raxil PRO Shield All-in-One Cereal ST formulation. Project Number: M/527080/01/1. Unpublished study prepared by Bayer CropScience AG. 11p.

49661315 Slonina, M. (2015) Final Report: Raxil Pro Shield: Acute Dermal Toxicity in Rats. Project Number: M/526203/01/1, 40810, P322/BCS/RAT. Unpublished study prepared by Product Safety Laboratories. 17p.

49695203 Messerschmidt, O. (2015) VCP-08: Toxicity Studies Summary. Project Number: 39521, 39528. Unpublished study prepared by Vive Crop Protection, Inc. 5p.

49766902 Durando, J. (2015) Macho 600-4019: Acute Dermal Toxicity in Rats. Project Number: 41502, P322/RAT, 150804/29H. Unpublished study prepared by Product Safety Laboratories. 14p.

49788716 Ordonez, P. (2015) Final Report: Evaluation of the Acute Dermal Toxicity of the Test Item T2 Formulation After a Single Dose Administration to Male and Female Sprague Dawley Rats. Project Number: B/01984. Unpublished study prepared by Vivotecnia Research S.L. 67p.

49796013 Magar, C. (2013) Imidacloprid 10 Percent WDG: Acute Dermal Toxicity Study in Rats. Project Number: R/13504/ADR/13, 13504. Unpublished study prepared by Intox Pvt. Ltd. 28p.

870.1300 Acute inhalation toxicity

MRID	Citation Reference
49455005	Milesen, B. (2014) MalEx(TM) CitrusLeafminer: Response to Pesticide Acute Toxicity Data Requirements. Project Number: AS/20140929/5, AS/20130408/2, T/106. Unpublished study prepared by Technology Sciences Group Inc. 188p.
49510306	Hoskins, K. (2014) Waiver Request of Requirement for Further Testing for Acute Inhalation Toxicity for the Following Sergeant's Products: Sergeant's Imidacloprid + Pyriproxyfen Squeeze On for Dogs: Sergeant's Imidacloprid + Pyriproxyfen Spot On for Cats. Project Number: SERGEANT/S/11/14/06B. Unpublished study prepared by Sergeant's Pet Care Products, Inc. 6p.
49518303	Messerschmidt, O. (2014) VCP-08:Toxicity Studies Summary. Unpublished study prepared by Vive Crop Protection, Inc. 5p.
49518306	Durando, J. (2014) VCP-08: Acute Inhalation Toxicity in Rats. Project Number: 39523, P330, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 23p.
49518312	Messerschmidt, O. (2014) VCP-08: Acute Toxicity Studies - DERs. Unpublished study prepared by Vlive

Crop Protection, Inc. 25p.

49549003 Durando, J. (1900) Imi-Tebu-Met ST: Acute Inhalation Toxicity in Rats. Project Number: 39296, P330, 39292. Unpublished study prepared by Product Safety Laboratories. 24p.

49561806 Durando, J. (2015) NUP-14051: Acute Inhalation Toxicity In Rats. Project Number: 39898, P330. Unpublished study prepared by Product Safety Laboratories. 28p.

49589307 Lose, C. (2015) F9115-2: Acute Inhalation Toxicity in Rats. Project Number: 39817, 2014TOX/BIF1662, P330/FMC. Unpublished study prepared by Product Safety Laboratories. 50p.

49589407 Durando, J. (2014) F9113-2: Acute Inhalation Toxicity in Rats. Project Number: 39428, 2014TOX/BIF1556, P330/FMC. Unpublished study prepared by Product Safety Laboratories. 41p.

49626005 Durando, J. (2015) KRD-1403: Acute Inhalation Toxicity Study in Rats. Project Number: 40153, P330. Unpublished study prepared by Product Safety Laboratories. 31p.

49661314 Friedman, K. (2015) Final Report: Bridging Rationale for Acute Toxicology data Requirements for alternate formulation of Raxil PRO Shield All-in-One Cereal ST formulation. Project Number: M/527080/01/1. Unpublished study prepared by Bayer CropScience AG. 11p.

49661316 Slonina, M. (2015) Final Report: Raxil Pro Shield: Acute Inhalation Toxicity in Rats. Project Number: M/526205/01/1, 40811, P330/BCS. Unpublished study prepared by Product Safety Laboratories. 28p.

49695203 Messerschmidt, O. (2015) VCP-08: Toxicity Studies Summary. Project Number: 39521, 39528. Unpublished study prepared by Vive Crop Protection, Inc. 5p.

49766903 Durando, J. (2015) Macho 600-4019: Acute Inhalation Toxicity in Rats. Project Number: 41503, P330, 150804/29H. Unpublished study prepared by Product Safety Laboratories. 30p.

49796014 Patil, J. (2013) Imidacloprid 10 Percent WDG: Acute Inhalation Toxicity Study in Rats. Project Number: R/13505/AIR/13, 13505. Unpublished study prepared by Intox Pvt. Ltd. 35p.

870.2400 Acute eye irritation

MRID	Citation Reference
49455003	Murphy, V. (2014) MalEx(TM) CitrusLeafminer: Acute Eye Irritation in Rabbits. Project Number: 18249/14. Unpublished study prepared by Stillmeadow, Inc. 15p.
49518303	Messerschmidt, O. (2014) VCP-08:Toxicity Studies Summary. Unpublished study prepared by Vive Crop Protection, Inc. 5p.
49518307	Durando, J. (2014) VCP-08: Primary Eye Irritation in Rabbits. Project Number: 39524, P324, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 19p.
49518312	Messerschmidt, O. (2014) VCP-08: Acute Toxicity Studies - DERs. Unpublished study prepared by VIive Crop Protection, Inc. 25p.
49549004	Durando, J. (2014) Imi-Tebu-Met ST: Primary Eye Irritation in Rabbits. Project Number: 39297, P324, 39292. Unpublished study prepared by Product Safety Laboratories. 17p.
49561807	Durando, J. (2015) NUP-14051: Primary Eye Irritation In Rabbits. Project Number: 39899, P324. Unpublished study prepared by Product Safety Laboratories. 21p.
49589302	Lowe, C. (2015) F9115-2: Primary Eye Irritation in Rabbits. Project Number: 39741, 2014TOX/BIF1645, P324/FMC. Unpublished study prepared by Product Safety Laboratories. 37p.
49589403	Durando, J. (2014) F9113-2: Primary Eye Irritation in Rabbits. Project Number: 39429, 2014TOX/BIF1552,

P324/FMC. Unpublished study prepared by Product Safety Laboratories. 35p.

49609008 Mihalcea, E. (2015) Acute Eye Irritation Test of Imidacloprid / Pyriproxyfen Spot On Solution in New Zealand Albino Rabbits: Final Report. Project Number: 294739, PRO/294739. Unpublished study prepared by Nucro-Technics. 55p.

49626006 Durando, J. (2015) KRD-1403: Primary Eye Irritation in Rabbits. Project Number: 40154, P324. Unpublished study prepared by Product Safety Laboratories. 18p.

49639705 Ordonez, P. (2015) Amendment of Final Report N1: Evaluation of the Acute Ocular Irritant and/or Corrosive Effect of the Test Item A2 after a Single Dose Administration to Female New Zealand White Rabbits. Project Number: N/01985. Unpublished study prepared by VIVOTECNIA Research S.L. 91p.

49639706 Ordonez, P. (2015) Amendment of Final Report N1: Evaluation of the Acute Ocular Irritant and/or Corrosive Effect of the Test Item A2 Formulation after a Single Dose of Administration to Female New Zealand White Rabbits. Project Number: B/01976. Unpublished study prepared by VIVOTECNIA Research S.L. 83p.

49661314 Friedman, K. (2015) Final Report: Bridging Rationale for Acute Toxicology data Requirements for alternate formulation of Raxil PRO Shield All-in-One Cereal ST formulation. Project Number: M/527080/01/1. Unpublished study prepared by Bayer CropScience AG. 11p.

49661317 Slonina, M. (2015) Final Report: Raxil Pro Shield: Primary Eye Irritation in Rabbits. Project Number: M/526209/01/1, 40812, P324/BCS. Unpublished study prepared by Product Safety Laboratories. 22p.

49695203 Messerschmidt, O. (2015) VCP-08: Toxicity Studies Summary. Project Number: 39521, 39528. Unpublished study prepared by Vive Crop Protection, Inc. 5p.

49766904 Durando, J. (2015) Macho 600-4019: Primary Eye Irritation in Rabbits. Project Number: 41504, P324, 150804/29H. Unpublished study prepared by Product Safety Laboratories. 17p.

49788717 Ordonez, P. (2015) Final Report: Evaluation of the Acute Ocular Irritant and/or Corrosive Effect of the Test Item T2 after a Single Dose Administration to Female New Zealand White Rabbits. Project Number: N/01986. Unpublished study prepared by Vivotecnia Research S.L. 92p.

49788718 Ordonez, P. (2015) Final Report: Evaluation of the Acute Ocular Irritant and/or Corrosive Effect of the Test Item T2 Formulation After a Single Dose Administration to Female New Zealand White Rabbits. Project Number: B/01981. Unpublished study prepared by Vivotecnia Research S.L. 83p.

49796015 Magar, C. (2013) Imidacloprid 10 Percent WDG: Acute Eye Irritation/Corrosion Study in Rabbits. Project Number: R/13507/AEI/13, 13507. Unpublished study prepared by Intox Pvt. Ltd. 33p.

870.2500 Acute dermal irritation

MRID	Citation Reference
49455004	Murphy, V. (2014) MalEx(TM) CitrusLeafminer: Acute Dermal Irritation in Rabbits. Project Number: 18250/14. Unpublished study prepared by Stillmeadow, Inc. 10p.
49518303	Messerschmidt, O. (2014) VCP-08:Toxicity Studies Summary. Unpublished study prepared by Vive Crop Protection, Inc. 5p.
49518308	Durando, J. (2014) VCP-08: Primary Skin Irritation in Rabbits. Project Number: 39525, P326, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 17p.
49518312	Messerschmidt, O. (2014) VCP-08: Acute Toxicity Studies - DERs. Unpublished study prepared by Vlive Crop Protection, Inc. 25p.
49549005	Durando, J. (2014) Imi-Tebu-Met ST: Primary Skin Irritation in Rabbits. Project Number: 39298, P326,

39292. Unpublished study prepared by Product Safety Laboratories. 17p.

49561808 Durando, J. (2015) NUP-14051: PrimarySkin Irritation in Rabbits. Project Number: 39900, P326. Unpublished study prepared by Product Safety Laboratories. 21p.

49589303 Lowe, C. (2015) F9115-2: Primary Skin Irritation in Rabbits. Project Number: 39818, 2014TOX/BIF1658, P326/FMC. Unpublished study prepared by Product Safety Laboratories. 33p.

49589402 Durando, J. (2014) F9113-2: Primary Skin Irritation in Rabbits. Project Number: 39430, 2014TOX/BIF1551, P326/FMC. Unpublished study prepared by Product Safety Laboratories. 33p.

49626007 Durando, J. (2015) KRD-1403: Primary Skin Irritation in Rabbits. Project Number: 40155, P326. Unpublished study prepared by Product Safety Laboratories. 16p.

49639707 Ordonez, P. (2015) Amendment of Final Report N1: Evaluation of the Acute Dermal Irritant and/or Corrosive Effect of the Test Item A2 Formulation after a Single Dose Administration to Female New Zealand White Rabbits. Project Number: B/01975. Unpublished study prepared by VIVOTECNIA Research S.L. 68p.

49661314 Friedman, K. (2015) Final Report: Bridging Rationale for Acute Toxicology data Requirements for alternate formulation of Raxil PRO Shield All-in-One Cereal ST formulation. Project Number: M/527080/01/1. Unpublished study prepared by Bayer CropScience AG. 11p.

49661318 Slonina, M. (2015) Final Report: Raxil Pro Shield: Primary skin irritation in rabbits. Project Number: M/526211/01/1, 40813, P326/BCS. Unpublished study prepared by Product Safety Laboratories. 19p.

49695203 Messerschmidt, O. (2015) VCP-08: Toxicity Studies Summary. Project Number: 39521, 39528. Unpublished study prepared by Vive Crop Protection, Inc. 5p.

49766905 Durando, J. (2015) Macho 600-4019: Primary Skin Irritation in Rabbits. Project Number: 41505, P326, 150804/29H. Unpublished study prepared by Product Safety Laboratories. 17p.

49788719 Ordonez, P. (2015) Final Report: Evaluation of the Acute Dermal Irritant and/or Corrosive Effect of the Test Item T2 Formulation after a Single Dose Administration to Female New Zealand White Rabbits. Project Number: B/01980. Unpublished study prepared by Vivotecnia Research S.L. 71p.

49796016 Magar, C. (2013) Imidacloprid 10 Percent WDG: Acute Dermal Irritation/Corrosion Test in Rabbits. Project Number: R/13506/ADI/13, 13506. Unpublisehd study prepared by Inox Pvt. Ltd. 31p.

870.2600 Skin sensitization

MRID	Citation Reference
49455005	Milesen, B. (2014) MalEx(TM) CitrusLeafminer: Response to Pesticide Acute Toxicity Data Requirements. Project Number: AS/20140929/5, AS/20130408/2, T/106. Unpublished study prepared by Technology Sciences Group Inc. 188p.
49518303	Messerschmidt, O. (2014) VCP-08:Toxicity Studies Summary. Unpublished study prepared by Vive Crop Protection, Inc. 5p.
49518309	Durando, J. (2014) VCP-08: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 39526, P328, 140912/3H. Unpublished study prepared by Product Safety Laboratories. 24p.
49518312	Messerschmidt, O. (2014) VCP-08: Acute Toxicity Studies - DERs. Unpublished study prepared by VIive Crop Protection, Inc. 25p.
49549006	Durando, J. (2014) Imi-Tebu-Met ST: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 39299, P328, 39292. Unpublished study prepared by Product Safety Laboratories. 24p.
49561809	Durando, J. (2015) NUP-14051: Local Lymph Node Assay (LLNA) in Mice. Project Number: 39901, P327.

Unpublished study prepared by Product Safety Laboratories. 29p.

49589304 Lose, C. (2015) F9115-2: Local Lymph Node Assay (LLNA) in Mice. Project Number: 39819, 2014TOX/BIF1659, P327/FMC. Unpublished study prepared by Product Safety Laboratories. 45p.

49589404 Durando, J. (2014) F9113-2: Local Lymph Node Assay (LLNA) in Mice. Project Number: 39431, 2014TOX/BIF1553, P327/FMC. Unpublished study prepared by Product Safety Laboratories. 43p.

49626008 Durando, J. (2015) KRD-1403: Local Lymph Node Assay (LLNA) in Mice. Project Number: 40156, P327. Unpublished study prepared by Product Safety Laboratories. 25p.

49639708 Stiller, S. (2015) Test for Sensitisation (Local Lymph Node Assay - LLNA) with A2: Final Report. Project Number: 151919, E/01977. Unpublished study prepared by BSL Bioservice. 32p.

49661314 Friedman, K. (2015) Final Report: Bridging Rationale for Acute Toxicology data Requirements for alternate formulation of Raxil PRO Shield All-in-One Cereal ST formulation. Project Number: M/527080/01/1. Unpublished study prepared by Bayer CropScience AG. 11p.

49661319 Slonina, M. (2015) Raxil Pro Shield: Local Lymph Node Assay (LLNA) in Mice. Project Number: M/526201/01/1, 40814, P327/BCS. Unpublished study prepared by Product Safety Laboratories. 28p.

49695203 Messerschmidt, O. (2015) VCP-08: Toxicity Studies Summary. Project Number: 39521, 39528. Unpublished study prepared by Vive Crop Protection, Inc. 5p.

49766906 Durando, J. (2015) Macho 600-4019: Dermal Sensitization Test in Guinea Pigs - Buehler Method. Project Number: 41506, P328, 150804/29H. Unpublished study prepared by Product Safety Laboratories. 24p.

49788720 Leoni, A. (2015) Final Report: Test for Senitisation (Local Lymph Node Assay - LLNA) with T2. Project Number: B/01980. Unpublished study prepared by BSL BioService. 53p.

49796017 Randhe, M. (2013) Imidacloprid 10 Percent WDG: Skin Sensitization Study by Guinea Pig Maximization Test (GPMT). Project Number: R/13508/SS/GPMT/13, 13508. Unpublished study prepared by Intox Pvt. Ltd. 51p.

870.3250 90-day dermal toxicity

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

870.4100 Chronic toxicity

MRID	Citation Reference
49511703	Kling, A. (2012) Imidacloprid (tech.) - Assessment of Chronic Effects to the Honey Bee, Apis mellifera L., in a 10 Day Continuous Laboratory Feeding Test. Project Number: S11/01962, M/418424/02/2. Unpublished study prepared by Eurofins Agrosience Services EcoChem GmbH. 98p.

870.6100 Acute and 28--day delayed neurotoxicity of organophosphorus substances

MRID	Citation Reference
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49759105 Osloky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

870.7600 Dermal penetration

MRID	Citation Reference
49759105	Osloky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

875.2500 Inhalation exposure

MRID	Citation Reference
49759106	Osloky, S. (2015) Post-application Information Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 9p.

875.2600 Biological monitoring

MRID	Citation Reference
49759105	Osloky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.

875.2800 Description of human activity

MRID	Citation Reference
49759106	Osloky, S. (2015) Post-application Information Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 9p.

875.2900 Data reporting and calculations

MRID	Citation Reference
49759106	Osloky, S. (2015) Post-application Information Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 9p.

885.4340 Nontarget insect testing, Tier I

MRID	Citation Reference
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49766208 de Ruijter, A. (1900) Bumblebee (*Bombus terrestris* L.) Contact Toxicity Study in the Laboratory with Imidacloprid Technical. Project Number: AH99/4/221, 109499, 109499/MO/03/011949. Unpublished study prepared by Ambrosiushoeve. 25p.

870.7200 Companion animal safety

MRID	Citation Reference
49759105	Oslosky, S. (2015) Waiver Request for Toxicology Preventol TM Insecticide (Additional Source) Imidacloprid. Unpublished study prepared by Lanxess Corporation. 10p.
49788721	(2015) A Target Animal Safety Study of T2 Applied Topically to Adult Dogs Final Report. Project Number: CV/15/154, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 1963p.
49788722	Erasmus, H. (2015) A Target Animal Safety Study of T2 Applied Topically to Puppies Final Report. Project Number: CV/15/155, PN1767. Unpublished study prepared by ClinVet International (Pty) Ltd. 1478p.

Non-Guideline Study

MRID	Citation Reference
49455000	Alpha Secents, Inc. (2015) Submission of Toxicity and Product Chemistry Data in Support of the Application for Registration of MalEx CitrusLeafminer. Transmittal of 7 Studies.
49455007	Reynolds, M. (2015) MalEx(TM) CitrusLeafminer: Benefits and Comparisons Discussion. Project Number: AS/20150618/7. Unpublished study prepared by Technology Sciences Group Inc. 32p.
49469200	Sergeant's Pet Care Products, Inc. (2014) Submission of Product Chemistry Data in Support of the Application for Registration of Sergeant's 9.1% Imidacloprid Squeeze On for Dogs. Transmittal of 6 Studies.
49503000	Nufarm America, Inc. (2014) Submission of Product Chemistry Data in Support of the Amended Registration of Nuprid 4F Max Insecticide. Transmittal of 1 Study.
49510000	Bayer CropScience (2014) Submission of Toxicity Data in Support of the Registration Review of the Imidacloprid Containing Product Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide and Imidacloprid 2 Concentrate. Transmittal of 1 Study.
49510001	Bocksch, S. (2014) Honey Bee Brood and Colony Level Effects following Imidacloprid Intake via Treated Artificial Diet in a Field Study in North Carolina: Final Report. Project Number: S13/03176, EBNTTP013. Unpublished study prepared by Eurofins-Agroscience Services, Inc. 360p.
49510300	Sergeant's Pet Care Products, Inc. (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Sergeant's Imidacloprid + Pyriproxyfen Squeeze on for Dogs. Transmittal of 7 Studies.
49511700	Bayer CropScience (2014) Submission of Toxicity and Residue Data in Support of the Chemical Review of Imidacloprid. Transmittal of 3 Studies.
49511701	Miller, A.; Bowers, L.; Dyers, D.; et al. (2014) Determination of the Resdiues of Imidacloprid and its Metabolites 5-Hydroxy Imidacloprid and Imidacloprid Olefin in Bee Relevant Matrcies Collected from Seed Treated Field Corn During Two Successive Years and in White Clover Planted after Seed Treated Field Corn: Final Report. Project Number: EBNTY009, M/500863/01/1. Unpublished study prepared by Bayer CropScience LP. 1156p.

49511702 Gould, T.; Bowers, L.; Bowers, L.; et al. (2014) Determination of the Residues of Imidacloprid and its Metabolites 5-Hydroxy Imidacloprid and Imidacloprid Olefin in Bee Relevant Matrices Collected from Treated Cotton During Two Successive Years and in White Clover. Project Number: EBNTY010, M/501306/01/1. Unpublished study prepared by Bayer CropScience LP. 1432p.

49512400 Bayer CropScience and Bayer Environmental Science (2014) Submission of Toxicity and Exposure and Risk Data in Support of the Risk Assessment of Imidacloprid. Transmittal of 1 Study.

49512401 Knopper, L.; Greer, C.; Aslund, M.; et al. (2014) The Importance of Study Evaluations and Weight of Evidence for the Aquatic Risk Assessment of Imidacloprid. Project Number: EBNTN051, US0445, M/498362/01/1. Unpublished study prepared by Intrinsik Environmental Sciences, Inc. 20p.

49518300 Vive Crop Protection, Inc (2014) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of VCP-08 1.7 SC Insecticide. Transmittal of 12 Studies.

49518700 Shangai Neway Animal Health Company, Ltd (2014) Submission of Product Chemistry Data in Support of the Application for Registration of Imidaguard II. Transmittal of 3 Studies.

49520100 Rockwell Labs Ltd (2014) Submission of Efficacy Data in Support of the Amended Registration of Imidacloprid. Transmittal of 5 Studies.

49520101 Sandidge, J. (2014) Field Efficacy of InVict Xpress Granular Bait and InVict Ant Gel Against Ants. Project Number: 310014, IAG/011. Unpublished study prepared by Rockwell Labs Ltd. 19p.

49520102 Spragins, C. (2014) Efficacy of Imidacloprid Granular Bait and Imidacloprid Ant Gel Against Carpenter Ants. Project Number: IBAG/I/001/L. Unpublished study prepared by Spokane Falls Community College. 10p.

49520103 Sandidge, J. (2014) Efficacy Imidacloprid Ant Gel and Imidacloprid Granular Bait in Choice Tests Against Acrobat Ants (*Crematogaster* sp.). Project Number: RLL/0914/B015. Unpublished study prepared by Rockwell Labs Ltd. 13p.

49520104 McCoy, T.; Spragins, C. (2012) Efficacy of Imidacloprid Roach Gel and Imidacloprid Granular Bait in Choice Tests Against German Roaches. Project Number: 140342, IMO5/5. Unpublished study prepared by Virginia Polytechnic Institute and State University. 14p.

49520105 Sandidge, J. (2013) Efficacy of Imidacloprid Granular Bait Against House Crickets. Project Number: RLL/0713/B007. Unpublished study prepared by Rockwell Labs Ltd. 12p.

49520400 Nufarm Americas, Inc. (2014) Submission of Product Chemistry Data in Support of the Amended Registration of Nuprid 2F Insecticide. Transmittal of 1 Study.

49521300 Bayer CropScience LP and Bayer Environmental Science (2014) Submission of Fate Data in Support of the Registration Review of Imidacloprid. Transmittal of 1 Study.

49521301 Murphy, I.; Bowers, L.; Dyer, D.; et al. (2014) Admire Pro - Magnitude of the Residues of Imidacloprid and its Metabolites 5-Hydroxy Imidacloprid and Imidacloprid Olefin in Bee Relevant Matrices Collected from Citrus Trees Following Foliar Applications of Imidacloprid Over Two Successive Years. Project Number: EBNTY007, MO/03/006885. Unpublished study prepared by Bayer CropScience. 859p.

49528100 Control Solutions, Inc. (2014) Submission of Product Chemistry Data in Support of the Registration of Dominion 2L. Transmittal of 1 Study.

49531400 Bayer CropScience LP (2015) Submission of Product Chemistry and Toxicity Data in Support of the Registration of Imidacloprid Technical Insecticide. Transmittal of 5 Studies.

49531405 Sheets, L. (2015) Toxicologic Evaluation of the Chemical Composition of Technical-Grade Imidacloprid from a New Manufacturing Source. Project Number: M/509350/01/1, US0462, PA14/111. Unpublished study prepared by Bayer CropScience LP. 12p.

49531700 Bayer CropScience LP (2015) Submission of Fate and Environmental Fate Data in Support of the FIFRA 6(a)

(2) Data Requirements for Imidacloprid Technical. Transmittal of 4 Studies.

49531701 Maus, C. (2002) Evaluation of the Effects of a Soil Treatment of Ornamental Plants with Imidacloprid WG 5 on Nectar and Pollen Sampling Bumblebees (*Bombus terrestris*) in the Semifield (Test plants: *Erica* and *Lobelia*). Project Number: M/060086/01/2, E/319/2179/2, MAUS/BT002. Unpublished study prepared by Bayer AG. 33p.

49531702 Maus, C; Doering, J. (2001) Evaluation of the Effects of a Soil treatment of Ornamental Plants with Imidacloprid WG 5 on Nectar and Pollen Sampling Bumblebees (*Bombus terrestris*) in the Semifield. Project Number: M/081939/01/2, MAUS/BT001, E/319/2112/9. Unpublished study prepared by Bayer AG. 39p.

49531703 Maus, C; Paul, A. (2003) Assessment of the Effects of a Soil Treatment of Ornamentals with Imidacloprid WG 5 on Nectar and Pollen Collecting Bumblebees (*Bombus terrestris*) in the Field (Test Plant: *Lobelia erinus*). Project Number: M/109444/01/2, MAUS/BT003, E/319/2260/3. Unpublished study prepared by Bayer CropScience Institute for Ecotoxicology. 53p.

49531704 Maus, C.; Doering, J. (2003) Evaluation of the Effects of a Soil Treatment of Ornamental Plants with Imidacloprid WG 5 on Nectar and Pollen Sampling Honeybees (*Apis mellifera*) in the Semifield (Test Plants: *Erica* and *Lobelia*). Project Number: M/116136/01/2, MAUS/AM/026, E/316/2311/0. Unpublished study prepared by Bayer CropScience AG. 45p.

49532100 Bayer CropScience LP (2015) Submission of Environmental Fate and Toxicity Data in Support of the FIFRA 6(a)(2) Data Requirements for Imidacloprid Technical. Transmittal of 2 Studies.

49532101 Pfeiffer, S. (2014) Imidacloprid FS 350 (350 g/L) - Acute Contact Toxicity to the Bumble Bee, *Bombus terrestris* L. under Laboratory Conditions: Final Report. Project Number: M/494307/01/2, S13/05153, EBTIN104. Unpublished study prepared by Eurofins Agrosience Services. 27p.

49532102 Ythier, E. (2014) Determination of the Residues of Imidacloprid in Bee Relevant Matrices Collected from Succeeding Crops Following Application of Imidacloprid FS 600E G via Soil Incorporation to Plateau Concentration and Sowing of Imidacloprid-Treated Winter Barley Seeds. Field Phase Conducted in Southern France. Project Number: M/504842/01/2, 7SRFR13C3, EBTIN109. Unpublished study prepared by SynTech Research France S.A.S., and Bayer CropScience AG. 240p.

49535600 Bayer CropScience LC (2014) Submission of Residue and Toxicity Data in Support of the Registration Review of Imidacloprid. Transmittal of 3 Studies.

49535601 Miller, A.; Bowers, L.; Dyer, D.; et al. (2014) Determination of the Residues of Imidacloprid and its Metabolites 5-Hydroxy Imidacloprid and Imidacloprid Olefin in Bee Relevant Matrices Collected from Cherry Trees following Foliar Application of Imidacloprid over Two Successive Years: Final Report. Project Number: EBNTY008, MO/03/006885, M/105510/01/1. Unpublished study prepared by Bayer CropScience, Reality Research, Columbia Ag Research, Inc., Syntech Research Laboratory Services and Intrinsic Environmental Services, Inc. 688p.

49535602 Gould, T.; Bowers, L.; Jerkins, E.; et al. (2014) Determination of the Residues of Imidacloprid and its Metabolites 5-Hydroxy Imidacloprid and Imidacloprid Olefin in Bee Relevant Matrices Collected from Blueberries Following Soil Application of Imidacloprid over Two Successive Years. Project Number: EBNTY006, AR12238, 12/GLARS/1606. Unpublished study prepared by Bayer CropScience, ACDS Research, Inc., Great Lakes Agricultural Research Service, Eurofins Agrosience Services, Inc., SynTech Research Laboratory Services and Intrinsic Environmental Services, Inc. 694p.

49535603 Bowers, L.; Olmstead, A.; Fischer, D. (2014) Imidacloprid Use in Cotton, Citrus, Blueberry, Cherry and Rotational White Clover Forage: Evaluation of Potential Risk to Bees Using Methods Taken from "Guidance Assessing Pesticide Risks to Bees". Project Number: US0433. Unpublished study prepared by Bayer CropScience LP. 189p.

49536800 Mitsui Chemicals Agro, Inc. (2014) Submission of General Pesticide Use Data in Support of the Registration of Clothianidin, Dinotefuran, Imidacloprid, and Thiamethoxam. Transmittal of 1 Study.

- 49536801 Yue, C.; Hurley, T.; Nowak, P.; et al. (2014) The Value of Neonicotinoids in Turf and Ornamentals. Project Number: VP/38797. Unpublished study prepared by AgInformatics, LLC. 115p.
- 49540700 Nufarm Limited (2015) Submission of Product Chemistry Data in Support of the Registration of NUP-14001 MUP. Transmittal of 1 Study.
- 49546500 Rotam Limited (2015) Submission of Product Chemistry Data in Support of the Registration of Rotam Imidacloprid Technical. Transmittal of 6 Studies.
- 49549000 Albaugh, LLC (2015) Submission of Toxicity Data in Support of the Registration of Imi-Tebu-Met ST. Transmittal of 6 Studies.
- 49550100 Albaugh, LLC (2015) Submission of Product Chemistry Data in Support of the Registration of CFISTAR-IFTZ-35 ST. Transmittal of 1 Study.
- 49550200 Albaugh, LLC (2015) Submission of Product Chemistry Data in Support of the Registration of CFI-STAR-IFTZ-35 ST. Transmittal of 1 Study.
- 49561800 Nufarm Americas, Inc. (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Equi-TM 4.0. Transmittal of 9 Studies.
- 49571400 Koppers Performance Chemicals (2015) Submission of Product Chemistry Data in Support of the Registration of ORD-1302. Transmittal of 1 Study.
- 49586500 Bayer CropScience LP (2015) Submission of Toxicity Data in Support of the Registration Review of the Imidacloprid Containing Products Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide and Imidacloprid 2 Concentrate. Transmittal of 1 Study.
- 49586501 Bowers, L.; Hall, T. (2015) BCS Response to Request on February 26, 2015: Interim Example of the Methods Used to Identify Scientifically Relevant Information for Use in Imidacloprid Aquatic Invertebrate Risk Assessment. Project Number: US0474. Unpublished study prepared by Bayer CropScience LP. 42p.
- 49589300 FMC Corporation Agricultural Products Group (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of F-9115-2 Insecticide. Transmittal of 8 Studies.
- 49589400 FMC Corporation Agricultural Products Group (2015) Submission of Product Chemistry, Toxicity and Residue Data in Support of the Application for Registration of F-9113-2 Insecticide. Transmittal of 9 Studies.
- 49592800 Univar Environmental Sciences (2015) Submission of Product Chemistry Data in Support of the Amended Registration of Masterline I MaxxPro 2F. Transmittal of 1 Study.
- 49595900 McLaughlin Gormley King Company (2015) Submission of Product Chemistry Data in Support of the Registration of MGK Formula 2960. Transmittal of 1 Study.
- 49602700 Bayer CropScience LP (2015) Submission of Environmental Fate, Toxicity and Fate Data in Support of the Registration Review of the Imidacloprid Containing Products Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide and Imidacloprid 2 Concentrate. Transmittal of 26 Studies.
- 49602708 Dorgerloh, M.; Sommer, H. (2001) Influence of Imidacloprid (Tech.) on Development and Emergence of Larvae of *Chironomus riparius* in a Water-Sediment System. Project Number: E4162068/7, DOM21035. Unpublished study prepared by Bayer AG. 75p.
- 49602709 Barth, M. (2000) Substance C: Feeding Study with Honey Bees (*Apis mellifera*). Project Number: HT0400D. Unpublished study prepared by Central Science Laboratory. 17p.
- 49602711 Wilhelmy, H. (2000) Substance B: Feeding Test on the Honeybee *Apis mellifera* (Hymenoptera, Apidae). Project Number: 000420BK, IBA7241N. Unpublished study prepared by Dr. U. Noack-Laboratorium. 18p.
- 49602712 Thompson, H. (2000) Substance B: Feeding Study with Honey Bees (*Apis mellifera*). Project Number: HT0400C. Unpublished study prepared by Central Science Laboratory. 17p.

- 49602717 Wilhelmy, H. (2000) Substance A: Acute Effects on the Honeybee *Apis mellifera* (Hymenoptera, Apidae). Project Number: 000420BK, IBA7240N. Unpublished study prepared by Dr. U. Noack-Laboratorium. 16p.
- 49602718 Hendel, B.; Sommer, H. (2001) Influence of Imidacloprid-desnitro-olefine on Development and Emergence of Larvae of *Chironomus riparius* in a Water-Sediment System. Project Number: E4162022/7, HDB/CH51. Unpublished study prepared by Bayer AG. 66p.
- 49602719 Schmidt, H. (2015) Bees VI: Flower Visits After Seed Treatment (Imidacloprid). Project Number: VAZ34A/95. Unpublished study prepared by Bayer AG. 17p.
- 49602720 Bruhnke, C. (2000) Substance C: Feeding Test on the Honeybee *Apis mellifera* (Hymenoptera, Apidae). Project Number: 000706BK, IBA7242N. Unpublished study prepared by Dr. U. Noack-Laboratorium. 13p.
- 49602721 Kling, A. (2000) Substance B: Assessment of Side Effects in a Ten Days Feeding Test on the Honey Bee, *Apis mellifera* L. in the Laboratory: Final Report. Project Number: 20001148/01/BLEU. Unpublished study prepared by GAB Biotechnologie GmbH. 13p.
- 49602722 Kling, A. (2000) Substance C: Assessment of Side Effects in a Ten Days Feeding Test on the Honey Bee, *Apis mellifera* L. in the Laboratory: Final Report. Project Number: 20001149/01/BLEU. Unpublished study prepared by GAB Biotechnologie GmbH. 13p.
- 49602723 Wallner, K. (1999) Tests Regarding the Danger of the Seed Disinfectant Gaucho 70WS (Imidacloprid) for Honeybees. *Apidologie* 30(5).
- 49602724 Kling, A. (2000) Substance C: Assessment of Side Effects in a Ten Days Feeding Test on the Honey bee, *Apis mellifera* L. in the Laboratory: Final Report. Project Number: 20001149/01/BLEU. Unpublished study prepared by GAB Biotechnologie GmbH. 13p.
- 49602725 Meisner, P. (2002) Acute Toxicity of Imidacloprid SL 200 to Earthworms (*Eisenia fetida*). Project Number: MPE/RG393/01, E3102148/9. Unpublished study prepared by Bayer AG. 19p.
- 49602726 Kureck, A. (2006) Expert Opinion: How Long Did the Mayflies of the Species *Cloeon dipterum* which Hatched on or after July 11 in the Mesocosms of the Study with Imidacloprid Carried Out by Ratte & Memmert (2003)? Project Number: 811776. Unpublished study prepared by Universitat zu Koln. 8p.
- 49609000 Ceva Animal Health, LLC (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Ceva Animal Health's Imidacloprid & Pyriproxyfen Spot-On Solution for Dogs. Transmittal of 8 Studies.
- 49621400 Shanghai Newway Animal Health Co., Ltd. (2015) Submission of Product Chemistry Data in Support of the Application for Registration of Neove Spot On #001. Transmittal of 3 Studies.
- 49621900 Control Solutions, Inc. (2015) Submission of Product Chemistry Data in Support of the Amended Registration of Dominion 4 lb. Transmittal of 1 Study.
- 49626000 Koppers Performance Chemicals, Inc. (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of KRD-1403. Transmittal of 8 Studies.
- 49626500 Bayer CropScience (2015) Submission of Toxicity Data in Support of the Registration Review of Imidacloprid. Transmittal of 2 Studies.
- 49635000 Control Solutions Inc. (2015) Submission of Product Chemistry Data in Support of the Application for Registration of CSI 0.2% IMI plus Fertilizer. Transmittal of 1 Study.
- 49639700 CAP IM Supply, Inc. (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Advecta for Dogs. Transmittal of 8 Studies.
- 49648200 Bayer CropScience LP and Bayer Environmental Science (2015) Submission of Fate, Toxicity, Environmental Fate, Pesticide Use, and Resistance Data in Support of Registration Review of Imidacloprid. Transmittal of 25 Studies.
- 49648210 Ythier, E. (2014) Determination of the Residues of Imidacloprid and its Metabolites Imidacloprid-5-Hydroxy

and Imidacloprid-Olefin in Bee Relevant Matrices Collected in a Succeeding Crop Scenario with Natural Aged Residues of Imidacloprid. Field Phase Conducted with Phacelia and Maize in Northern France: Final Report. Project Number: 7SRFR13C1, EBTIN109, M/504801/01/1. Unpublished study prepared by SynTech Research France S.A.S., Bayer CropScience AG. 170p.

49648211 Ythier, E. (2014) Determination of the Residues of Imidacloprid and its Metabolites Imidacloprid-5-Hydroxy and Imidacloprid-Olefin in Bee Relevant Matrices Collected in a Succeeding Crop Scenario with Natural Aged Residues of Imidacloprid. Field Phase Conducted with Winter Oil Seed Rape, Phacelia and Maize in Northern France: Final Report. Project Number: 7SRFR13C2A, M/504806/01/1, EBTIN109. Unpublished study prepared by SynTech Research France S.A.S., Bayer CropScience AG. 173p.

49648212 Ythier, E. (2014) Determination of the Residues of Imidacloprid and its Metabolites Imidacloprid-5-Hydroxy and Imidacloprid-Olefin in Bee Relevant Matrices Collected in a Succeeding Crop Scenario with Natural Aged Residues of Imidacloprid. Field phase conducted with Phacelia and Maize in Northern France. Project Number: 7SRFR13C2B, M/504836/01/1, EBTIN109. Unpublished study prepared by SynTech Research France S.A.S, Bayer CropScience AG. 160p.

49648213 Ythier, E. (2014) Determination of the Residues of Imidacloprid and its Metabolites Imidacloprid-5-Hydroxy and Imidacloprid-Olefin in Bee Relevant Matrices Collected in a Succeeding Crop Scenario with Natural Aged Residues of Imidacloprid. Field Phase Conducted with Winter Oil Seed Rape in Northern France. Project Number: 7SRFR13C2C, M/524810/01/1, EBTIN109. Unpublished study prepared by SynTech Research France S.A.S, Bayer CropScience AG. 119p.

49648214 Hammel, K.; Vrbka, L. (2014) Calculation of Plateau Concentrations in Soil for Imidacloprid and Clothianidin. Project Number: ENSA/14/1318, M/503458/01/1. Unpublished study prepared by Bayer CropScience AG. 8p.

49648215 Striffler, B.; Ballhaus, F. (2014) Residues of Imidacloprid in Nectar and Pollen of Flowering Rotational Crops in Western Germany: Final Report. Project Number: B13068/2, P13068/2, EBTIN110. Unpublished study prepared by tier3 Solutions GmbH. 284p.

49648216 Garside, C.; Miles, M.; Kriszan, M. (2014) Evaluation of the Occurrence of Flowering Weeds in Agricultural Crops: Cereals, Sugar Beet, and Potatoes. Project Number: M/505126/01/1. Unpublished study prepared by Bayer CropScience. 153p.

49648217 Nauen, R. (2013) Information on the Occurrence or Possible Occurrence of the Development of Resistance of the Plant Protection Product Janus Forte (R). Project Number: M/453965/01/1. Unpublished study prepared by Bayer CropScience. 19p.

49648221 Hofmann, S. (2010) Monitoring of Dust Drift Deposits During and After the Sowing of Winter Barley (W-BAR) Treated with Triadimenol & Imidacloprid & Fuberidazol & Imazalil FS 145.2 (60 + 70 + 7.2 + 8 g/L) or Clothianidin & Beta-Cyfluthrin FS 455 (375 + 80 g/L) on Fields in Germany: Final Report. Project Number: R09247/1, EBTIL075, M/366273/01/1. Unpublished study prepared by RIFCON GmbH. 77p.

49648222 Luckmann, J.; Hofmann, S. (2010) Monitoring of Dust Drift Deposits During and After the Sowing of Winter Wheat (W-WHT) Treated with Triadimenol & Imidacloprid & Fuberidazol & Imazalil FS 145.2 (60 + 70 + 7.2 + 8 g/L) or Clothianidin & Beta-Cyfluthrin FS 455 (375 + 80 g/L) on Fields in Germany: Final Report. Project Number: R09247/2, EBTIL075, M/366277/01/1, MR/09/159, P672094730. Unpublished study prepared by RIFCON GmbH. 75p.

49648223 Luckmann, J. (2014) Investigation of Dust Drift Deposits of Clothianidin & Imidacloprid Treated Winter Barley Seeds with Pneumatic Sowing Machinery on Fields in Germany in Autumn 2011: Second Amendment to Final Report. Project Number: 143, R11129, EBTIL116. Unpublished study prepared by RIFCON GmbH. 184p.

49648224 Luckmann, J.; Staffel, J. (2014) Assessment of Potential Impacts on Honey Bee Colony Development, their Hibernation Performance and Concurrent Monitoring of Aerial Dust Drift During the Sowing Operation of Imidacloprid FS 350A G - Treated Winter Barley with Typical Commercial Pneumatic Sowing Technology, Directly Adjacent to Full-Flowering Phacelia tanacetifolia in United Kingdom. Project Number: 200,

R1440009, EBTIN108. Unpublished study prepared by RIFCON GmbH. 161p.

- 49648225 Staffell, J.; Luckmann, J. (2014) Assessment of Potential Impacts on Honey Bee Colony Development, their Hibernation Performance and Concurrent Monitoring of Aerial Dust Drift During the Sowing Operation of Poncho Beta Plus - Treated Sugar Beet Pills with Typical Commercial Vacuum-Pneumatic Sowing Technology, Directly Adjacent to Full-Flowering *Phacelia tanacetifolia* in Germany: Final Report. Project Number: 195, R12261A, EBTIN091. Unpublished study prepared by RIFCON GmbH. 217p.
- 49648600 Univar Environmental Sciences (2015) Submission of Product Chemistry Data in Support of the Registration of Masterline I MaxxPro. Transmittal of 1 Study.
- 49651400 Koppers Performance Chemicals, Inc. (2015) Submission of Efficacy Data in Support of the Amended Registration of ORD-1302. Transmittal of 2 Studies.
- 49651401 Larkin, G.; Laks, P. (2015) AWP A E21 Termite Test of Southern Pine Treated with Borate Wood Preservative Formulations - Update 1. Project Number: E46885B/E46890/20150520, E46885B, E46890. Unpublished study prepared by Michigan Technological University. 14p.
- 49651402 Ziobro, R. (2014) Formosan Subterranean Termite Resistance to Osmose Treatments plus a Southern Pine Control. Project Number: WDL/2014/06a. Unpublished study prepared by Osmose Inc. 9p.
- 49656600 Albaugh, LLC (2015) Submission of Product Chemistry Data in Support of the Application for Registration of Custom Blend 35ST. Transmittal of 3 Studies.
- 49656700 Albaugh, LLC (2015) Submission of Product Chemistry Data in Support of the Application for Registration of Custom Blend 10ST. Transmittal of 3 Studies.
- 49658200 Promika, LLC (2015) Submission of Product Chemistry Data in Support of the Application for Registration of TORC(TM) DUO for Dogs. Transmittal of 2 Studies.
- 49658400 Promika, LLC (2015) Submission of Product Chemistry Data in Support of the Application for Registration of TORC(TM) DUO for Cats. Transmittal of 1 Study.
- 49661300 Bayer CropScience LP (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Raxil PRO Shield. Transmittal of 19 Studies.
- 49665200 Bayer CropScience LP (2015) Submission of Residue Data in Support of the Registration Review of Imidacloprid. Transmittal of 2 Studies.
- 49665201 Jerkins, E.; Gould, T. (2015) Determination of the Residues of Imidacloprid, 5-Hydroxy Imidacloprid, and Imidacloprid Olefin in Bee Relevant Matrices Collected from Tomatoes Following Application of Imidacloprid Over Two Successive Years: Final Report. Project Number: EBNTN012, MO/03/006885, M/105510/01/1. Unpublished study prepared by Bayer CropScience LP, Research For Hire, California Agricultural Research, Inc., Coastal Research Services, Eurofins Agrosience Services, Inc, Lange Research & Consulting and SynTech Research Laboratory Services, LLC. 466p.
- 49665202 Fischer, D.; Jerkins, E. (2015) Determination of the Residues of Imidacloprid, 5-Hydroxy Imidacloprid, and Imidacloprid Olefin in Bee Relevant Matrices Collected from Cotton Following Application of Imidacloprid Over Two Successive Years: Final Report. Project Number: EBNTN011, MO/03/006885, M/105510/01/1. Unpublished study prepared by Bayer CropScience LP, SGS North America, California Agricultural Research Inc. and SynTech Research. 632p.
- 49670100 LNouvel, Inc. (2015) Submission of Product Chemistry Data in Support of the Application for Registration of Nouvel Fuse Foam. Transmittal of 4 Studies.
- 49670200 LNouvel, Inc. (2015) Submission of Product Chemistry Data in Support of the Application for Registration of LNouvel, Inc. Imidacloprid Termicidal Foam Killer. Transmittal of 2 Studies.
- 49687700 Agricultural Handler Exposure Task Force, LLC (2015) Submission of Exposure and Risk Data in Support of Risk Assessment. Transmittal of 1 Study.

49687701 Baugher, D. (2015) IRB Correspondence Report for Study AHE120. Unpublished study prepared by Agricultural Handler Exposure Task Force. 951p.

49693100 Bayer CropScience LP and Bayer Environmental Science (2015) Submission of Environmental Fate and Toxicity Data in Support of the Registration Review of Imidacloprid. Transmittal of 1 Study.

49693101 Bowers, L.; Fischer, D. (2015) Imidacloprid: Assessment of Exposure and Potential Risk to Pollinators after Seed Treatment, Soil Application, and Foliar Sprays in the Pre-Bloom, At-Bloom and Post-Bloom Growth Phases in Eight Different Crops (Corn, Cotton, Stone Fruit, Citrus, Strawberry, Cucurbit, Tomato, and Blueberry) and Rotational Forage. Project Number: US0476, M/068023/01/2, M/081923/01/2. Unpublished study prepared by Bayer CropScience LP. 117p.

49695200 Vive Crop Protection, Inc. (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of VCP-08(TM) 1.7 SC Insecticide. Transmittal of 3 Studies.

49695202 Dinglasan, J. (2015) Comparative Dialysis Study on VCP-08-A and VCP-08-B: Final Report. Project Number: 03/182/65. Unpublished study prepared by Vive Crop Protection, Inc. 42p.

49719500 United Phosphorus, Inc. (2015) Submission of Product Chemistry Data in Support of the Registration for Avatar PLX. Transmittal of 1 Study.

49719600 US Environmental Protection Agency (2015) Submission of Toxicity and Residue Data in Support of the Risk Assessment of Imidacloprid. Transmittal of 34 Studies.

49719602 Ambolet, B.; Crevat, J.; Schmidt, H. (1997) recherche D'Eventuels Effets Secondaires D'un Traitement De Semences A Base D'imidaclopride Sur Le Comportement Des Abeilles Domestiques Sur Les Fleurs De Tournesol. ANPP - 4 eme CONFERENCE INTERNATIONALE SUR LES RAVAGEURS EN AGRICULTURE MONTPELLIER 6-7-8 JANVIER 1997

49719603 Ambolet, B.; Crevat, J.; Cure, G.; et al. (1999) ETUDE AU CHAMP DES EFFETS DE L'IMIDACLOPRIDE SUR ABEILLES. Unpublished study prepared by Bayer S.A. and Bayer A.G. 8p.

49719604 Belien, T.; Kellers, J.; Heylen, K.; et al. (2009) Effects of Sublethal Doses of Crop Protection Agents on Honey Bee (*Apis mellifera*) Global Colony Vitality and Its Potential Link with Aberrant Foraging Activity. COMMUNICATIONS IN AGRICULTURAL AND APPLIED BIOLOGICAL SCIENCES: 74(1) p. 1-286.

49719605 Biddinger, D.; Robertson, J.; Mullin, C.; et al. (2013) Comparative Toxicities and Synergism of Apple Orchard Pesticides to *Apis mellifera* (L.) and *Osmia cornifrons* (Radoszkowski). PLOS One: 8(9) p 1-6.

49719606 Bonmatin, J.; Matchand, P.; Cotte, J.; et al. (2007) BEES AND SYSTEMIC INSECTICIDES (IMIDACLOPRID, FIPRONIL) IN POLLEN: SUBNANO-QUANTIFICATION BY HPLC/MS/MS AND GC/MS. 8p.

49719608 Carrillo, M.; Bovi, T.; Negrao, A.; et al. (2013) Influence of agrochemicals fipronil and imidacloprid on the learning behavior of *Apis mellifera* L. honeybees. Acta Scientiarum Animal Sciences, 35(4): p. 431-434.

49719610 Cresswell, J.; Page, C.; Uygun, M.; et al. (2012) Differential sensitivity of honey bees and bumble bees to a dietary insecticide (imidacloprid). Zoology 115 (2012) 365-371.

49719611 Cresswell, J.; Robert, F.; Florance, H.; et al. (2013) Clearance of ingested neonicotinoid pesticide (imidacloprid) in honey bees (*Apis mellifera*) and bumblebees (*Bombus terrestris*). Pest Manag Sci 2014; 70: 332-337.

49719612 Dively, G.; Kamel, A. (2012) Insecticide Residues in Pollen and Nectar of a Cucurbit Crop and Their Potential Exposure to Pollinators. J. Agric. Food Chem. 2012, 60, 4449-4456.

49719613 Dively, G.; Embrey, M.; Dively, G.; et al. (2008) Determination of Imidacloprid Residue Concentrations in Seedless Watermelon Flowers. Unpublished study prepared by Department of Entomology, University of Maryland. 3p.

49719614 Donnarumma, L.; Pulcini, P.; Pochi, D.; et al. (2014) Preliminary study on persistence in soil and residues in

maize of imidacloprid. *Journal of Environmental Science and Health, Part B* (2011) 46, 469;472.

- 49719615 Eiri, D.; Nieh, J. (2012) A nicotinic acetylcholine receptor agonist affects honey bee sucrose responsiveness and decreases waggle dancing. *The Journal of Experimental Biology* 215(12), 2022-2029.
- 49719616 Stoner, K.; Eitzer, B. (2012) Movement of Soil-Applied Imidacloprid and Thiamethoxam into Nectar and Pollen of Squash (*Cucurbita pepo*). *PLOS ONE* (7)6: 1-5.
- 49719617 Feltham, H.; Park, K.; Goulson, D. (2014) Field realistic doses of pesticide imidacloprid reduce bumblebee pollen foraging efficiency. *Ecotoxicology*: 1-5.
- 49719618 Gill, R.; Ramos-Rodriguez, O.; Raine, N. (2012) Combined pesticide exposure severely affects individual- and colony-level traits in bees. *Research Letter*: (491), p 1-5.
- 49719619 Husain, D.; Qasim, M.; Saleem, M.; et al. (2013) Bioassay of insecticides Against Three Honey Bee Species in Laboratory Conditions. *Cercetari Agronomice în Moldova* (2)158: p 69-79.
- 49719620 Laurino, D.; Manino, A.; Patetta, A.; et al. (2013) Toxicity of neonicotinoid insecticides on different honey bee genotypes. *Bulletin of Insectology* 66 (1): 119-126.
- 49719621 Laycock, I.; Cresswell, J. (2013) Repression and Recuperation of Brood Production in *Bombus terrestris* Bumble Bees Exposed to a Pulse of the Neonicotinoid Pesticide Imidacloprid. *PLOS ONE*: (11)8: p 1-8.
- 49719622 Laycock, I.; Lenthall, K.; Barratt, A.; et al. (2012) Effects of imidacloprid, a neonicotinoid pesticide, on reproduction in worker bumble bees (*Bombus terrestris*). *Ecotoxicology* (2012) 21:1937;1945.
- 49719623 Lu, C.; Warchol, K.; Callahan, R. (2014) Sub-lethal exposure to neonicotinoids impaired honey bees winterization before proceeding to colony collapse disorder. *Bulletin of Insectology* 67 (1): 125-130.
- 49719625 Pohorecka, K.; Skubida, P.; Semkiw, P.; et al. (2013) Effects of Exposure of Honey Bee Colonies to Neonicotinoid Seed-Treated Maize Crops. *J. APIC. SCI.* 57(2): 1-9.
- 49719626 Rogers, R.; Kemp, J. (2003) Imidacloprid, potatoes, and honey bees in Atlantic Canada: Is there a connection?. *Bulletin of Insectology* 56 (1): 83-88.
- 49719629 Schneider, C.; Tautz, J.; Grunewald, B.; et al. (2012) RFID Tracking of Sublethal Effects of Two Neonicotinoid Insecticides on the Foraging Behavior of *Apis mellifera*. *PLOS ONE* 7(1): 1-9.
- 49719631 Tan, K.; Chen, W.; Dong, S.; et al. (2014) Imidacloprid Alters Foraging and Decreases Bee Avoidance of Predators. *PLOS ONE* 9(7): 1-8.
- 49719632 Thompson, H.; Wilkins, S.; Walters, K. (2014) Neonicotinoids and bumble bees (*Bombus terrestris*): Effects on nectar consumption in individual workers. *Pest Manag Sci* (2014): 1-6.
- 49719634 Whitehorn, P.; O'Connor, S.; Wackers, F.; et al. (2012) Neonicotinoid Pesticide Reduces Bumble Bee Colony Growth and Queen Production. *Science* 336(351): 351-352.
- 49720300 Control Solutions, Inc. (2015) Submission of Product Chemistry Data in Support of the Amended Registration of Dominion 4 lb. Transmittal of 2 Studies.
- 49722000 Bayer CropScience (2015) Submission of Toxicity Data in Support of the Registration Review of Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide and Imidacloprid 2 Concentrate. Transmisson of 1 Study.
- 49722001 Bowers, L.; Fischer, D. (2015) Imidacloprid: Assessment of Exposure and Potential Risk to Pollinators after Seed Treatment, Soil Application, and Foliar Sprays in the Pre-Bloom, At-Bloom and Post-Bloom Growth Phases in Eight different Crops (Corn, Cotton, Stone Fruit, Citrus, Strawberry, Cucurbit, Tomato and Blueberry) and Rotational Forage. Project Number: US0476/1. Unpublished study prepared by Bayer CropScience LP. 122p.
- 49750600 Environmental Protection Agency (2015) Submission of Toxicity Data in Support of Risk Assessment. Transmittal of 8 Studies.

- 49750602 Chandramani, P.; Rani, B.; Muthiah, C.; et al. (2008) Evaluation of Toxicity of Certain Insecticides to Indian Honeybee, *Apis cerana indica*. *Pestology* 32(8): 42-43.
- 49750603 Jeyalakshmi, T.; Shanmugasundaram, R.; Saravanan, M.; et al. (2011) Comparative Toxicity of Certain Insecticides Against *Apis cerana indica* Under Semi Field and Laboratory Conditions. *Pestology* 35(12): 23-26.
- 49750605 Singh, N.; Karnatak, A. (2005) Relative toxicity of some insecticides to the workers of *Apis mellifera* L. *Shashpa*, 12(1): 23-25.
- 49750606 Thompson, H.; Fryday, S.; Harkin, S.; et al. (2014) Potential impacts of synergism in honeybees (*Apis mellifera*) of exposure to neonicotinoids and sprayed fungicides in crops. *Apidologie* (2014) 45:545-553.
- 49759100 Lanxess Corporation (2015) Submission of Product Chemistry and Toxicity Data in Support of the Registration of Preventol TM Insecticide. Transmittal of 6 Studies.
- 49766200 Bayer CropScience LP and Bayer Environmental Science (2015) Submission of Fate, Environmental Fate and Toxicity Study Data in Support of the Registration Review of the Imidacloprid Containing Products Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide and Imidacloprid 2 Concentrate. Transmittal of 17 Studies.
- 49766201 Henry, M. (2009) Laboratory Dust-Off Study of Different Cereal Seeds and Soybeans Treated with Imidacloprid Based Seed Treatments: Final Report. Project Number: CANBYS023. Unpublished study prepared by Bayer CropScience. 10p.
- 49766202 Schmitzer, S. (1999) Laboratory Testing for Toxicity (Acute Oral LD50) of WAK 3745 on Honey Bees (*Apis mellifera* L.) (Hymenoptera, Apidae): Final Report. Project Number: 6320036, 6320036/MO/99/017302. Unpublished study prepared by Institut für Biologische Analytik und Consulting IBACON GmbH. 25p.
- 49766203 Schmitzer, S. (1999) Laboratory Testing for Toxicity (Acute Oral LD50) of WAK 4103 on Honey Bees (*Apis mellifera* L.) (Hymenoptera, Apidae): Final Report. Project Number: 6340036, 6340036/MO/99/017313. Unpublished study prepared by Institut für Biologische Analytik und Consulting IBACON GmbH. 25p.
- 49766204 Schmitzer, S. (1999) Laboratory Testing for Toxicity (Acute Oral LD50) of NTN 33893 on Honey Bees (*Apis mellifera* L.) (Hymenoptera, Apidae): Final Report. Project Number: 6400036, IBACON/640036/MO/99/015831. Unpublished study prepared by Institut für Biologische Analytik und Consulting IBACON GmbH. 24p.
- 49766205 de Ruijter, A. (1999) Honeybee (*Apis mellifera* L.) Oral Toxicity Study in the Laboratory with Imidacloprid Techn. Project Number: AH99/4/22/4, AH99/4/22/4/MO/99/015317, 22/09/99. Unpublished study prepared by Ambrosiushoeve. 21p.
- 49766206 Schmidt, H.; Schmuck, R.; Schoning, R. (1998) The Impact of Gaucho 70 WS Seed Treated Sunflower Seeds on Honey Bees. Project Number: BF/1/98, BF/1/98/MO/03/011208. Unpublished study prepared by Bayer AG. 26p.
- 49766207 Schmuck, R.; Schoning, R. (1999) Effects of Imidacloprid Residues in Sunflower Honey on the Development of Small Bee Colonies under Field Exposure Conditions. Project Number: SXR/AM/004, M/015832/01/3, E/370/1594/9. Unpublished study prepared by Bayer AG. 49p.
- 49766209 de Ruijter, A. (1999) Honey Bee (*Apis mellifera* L.) Contact Toxicity Study in the Laboratory with Imidacloprid Technical. Project Number: AH99/4/22/3, 109497, 109497/MO/03/011943. Unpublished study prepared by Ambrosiushoeve. 24p.
- 49766211 Schmidt, H. (1988) Tolerability of Seed Treatments to Bees (Bee Tunnel I): Final Report. Project Number: VAZ/4/88. Unpublished study prepared by Bayer AG. 13p.
- 49766212 Schmidt, H. (1998) Flower Visits to Sunflowers Seed-Treated with Gaucho: Final Report. Project Number: BEES/1/98. Unpublished study prepared by Bayer AG. 18p.
- 49766213 Harris, L. (1999) Evaluation of Gaucho Seed Dressing Applied to Canola on the Honey Bee, (*Apis mellifera*

Linnaeus) at Indian Head, Saskatchewan (Indian Head Research Station Site). Project Number: MO/03/000723/MO/03/000723. Unpublished study prepared by AgView Interational, Inc. 8p.

- 49766214 Drescher, W. (2001) Evaluation of Effects on the Foraging Activity of Bee Population in the Sunflower Fields of Western France - Is Gaucho Seed Dressing (Active Ingredient: Imidacloprid) Responsible for the Effects?. Project Number: 110635. Unpublished study prepared by Agronomic Biology and Apiculture. 21p.
- 49766215 Schmidt, H. (1999) Observation in a Tunnel Trial with Bees following Seed Treatment of Summer Rape: Final Report. Project Number: DVG/7/98. Unpublished study prepared by Bayer AG. 11p.
- 49766216 Schmidt, H. (1990) Bee IV: Soil Application of NTN 33893 at Sowing Time: Final Report. Project Number: VAZ/10/90. Unpublished study prepared by Bayer AG. 24p.
- 49766217 Bardi, D.; Anderson, K.; Henry, S. (2010) Laboratory Dust-Off Study of Imidacloprid Seed Treatment Formulations. Project Number: CANBRY026, M/389328/01/1. Unpublished study prepared by Bayer CropScience LP. 14p.
- 49766900 Albaugh, LLC (2015) Submission of Toxicity Data in Support of the Amended Registrations of Imidacloprid 5L ST and Imidacloprid 4L ST. Transmittal of 6 Studies.
- 49768300 Control Solutions Inc. (2015) Submission of Product Chemistry Data in Support of the Registration Review of IMI-Lambda G Insect Granules. Transmittal of 1 Study.
- 49774500 Control Solutions, Inc (2015) Submission of Product Chemistry Data in Support of the Application for Registration of IMI + Lambda MUP. Transmittal of 1 Study.
- 49778600 Tacoma Ag, LLC (2015) Submission of Product Chemistry Data in Support of the Application for Registration of Tacoma Ag Imidacloprid Tech. Transmittal of 5 Studies.
- 49778700 Shanghai Neway Animal Health Co., Ltd. (2015) Submission of Product Chemistry Data in Support of the Application for Registration of Neove Spot On #002 for Dogs. Transmittal of 5 Studies.
- 49788700 Cap Im Supply, Inc. (2015) Submission of Efficacy, Product Chemistry and Toxicity Data in Support of the Application for Registration of T2.200 for Dogs. Transmittal of 22 Studies.
- 49788701 Erasmus, H. (2015) A Pilot Study to Asses the Local Tolerance and Efficacy of T2 Formulation against ticks (*Rhipicephalus sanguineus*) and Fleas (*Ctenocephalides felis*) on Dogs Final Report. Project Number: CV/15/143. Unpublished study prepared by ClinVet International (Pty) Ltd. 95p.
- 49796000 Sharda USA, LLC (2015) Submission of Product Chemistry and Toxicity Data in Support of the Application for Registration of Sharda Imidacloprid 10 Percent Plus Tricosene 0.1 Percent WG. Transmittal of 17 Studies.
- 49797300 Bayer CropScience (2015) Submission of Environmental Fate Data in Support of the Registration Reviews of Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide, and Imidacloprid 2 Concentrate. Transmittal of 1 Study.
- 49797301 Gladbach, D.; Lagojda, A.; Schallau, K.; et al. (2015) [Guanidine-[carbon 14]Clothianidin: Storage Stability in Honeybees (*Apis mellifera*) After Oral Exposure: Final Report. Project Number: ENSA/14/1128. Unpublished study prepared by Bayer CropScience AG. 53p.
- 49797400 Bayer CropScience (2015) Submission of Environmental Fate Data in Support of the Registration Reviews of Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide, and Imidacloprid 2 Concentrate. Transmittal of 2 Studies.
- 49797401 Gladbach, D.; Lagojda, A.; Schneider, J. ; et al. (2015) [Methylene-[carbon 14]Imidacloprid: Storage Stability in Honeybees (*Apis mellifera*) After Oral Exposure: Final Report. Unpublished study prepared by Bayer CropScience AG. 57p.
- 49797402 Belyk, M.; Sultan, M. (2015) Imidacloprid and Clothianidin Residue Stability in Dead Honeybees. Project Number: CETIN009. Unpublished study prepared by Bayer CropScience LP. 7p.

49798500 Bayer CropScience (2015) Submission of Toxicity Data in Support of the Registration Reviews of Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide, and Imidacloprid 2 Concentrate. Transmittal of 1 Study.

49799700 Cap IM Supply, Inc. (2015) Submission of Product Chemistry Data in Support of the Application for Registration of T2.200 for Dogs. Transmittal of 1 Study.

49803800 Bayer CropScience (2015) Submission of Toxicity Data in Support of the Registration Reviews of Imidacloprid Technical Insecticide, Merit 75% Concentrate Insecticide, and Imidacloprid 2 Concentrate. Transmittal of 1 Study.